

FIG 1A

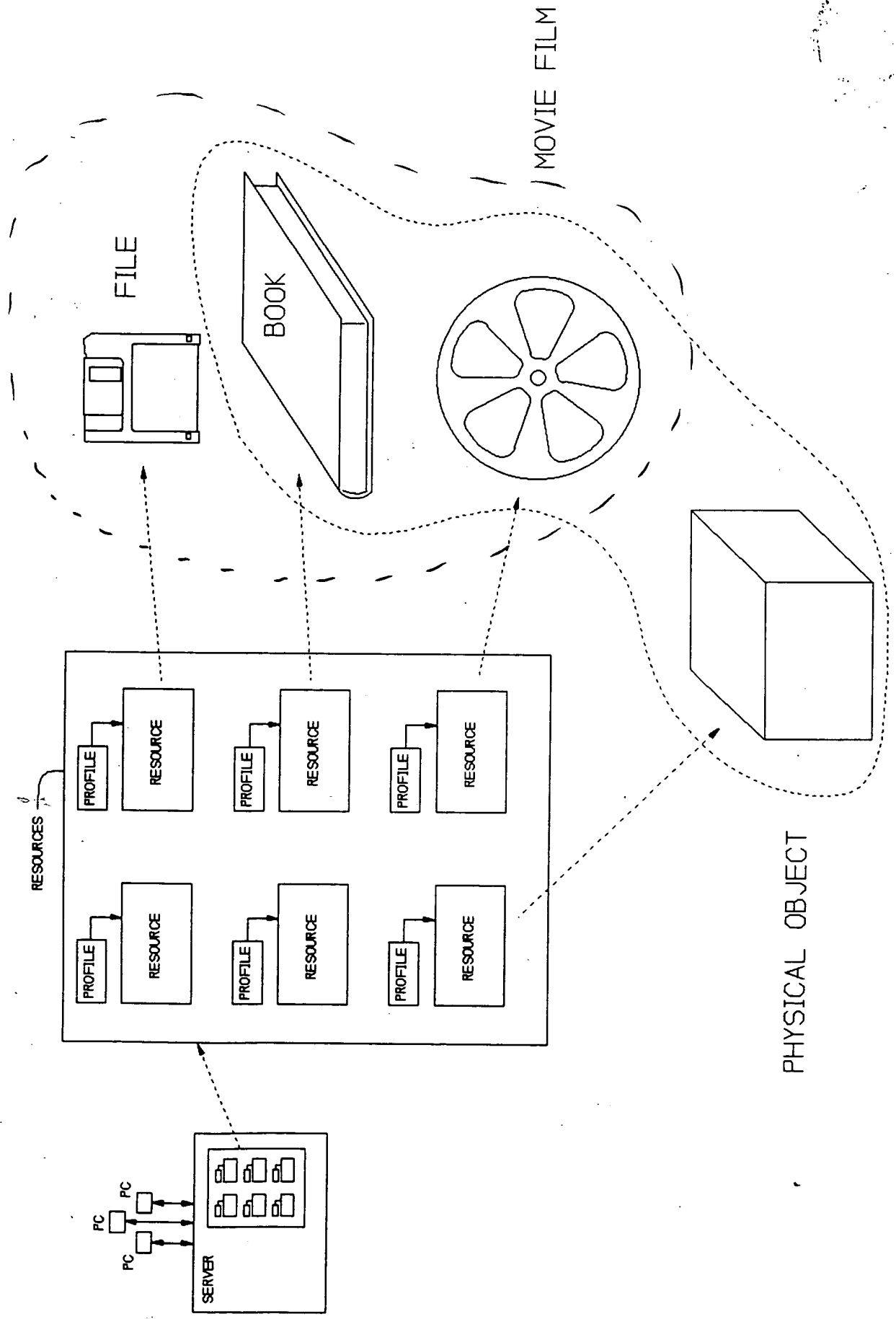
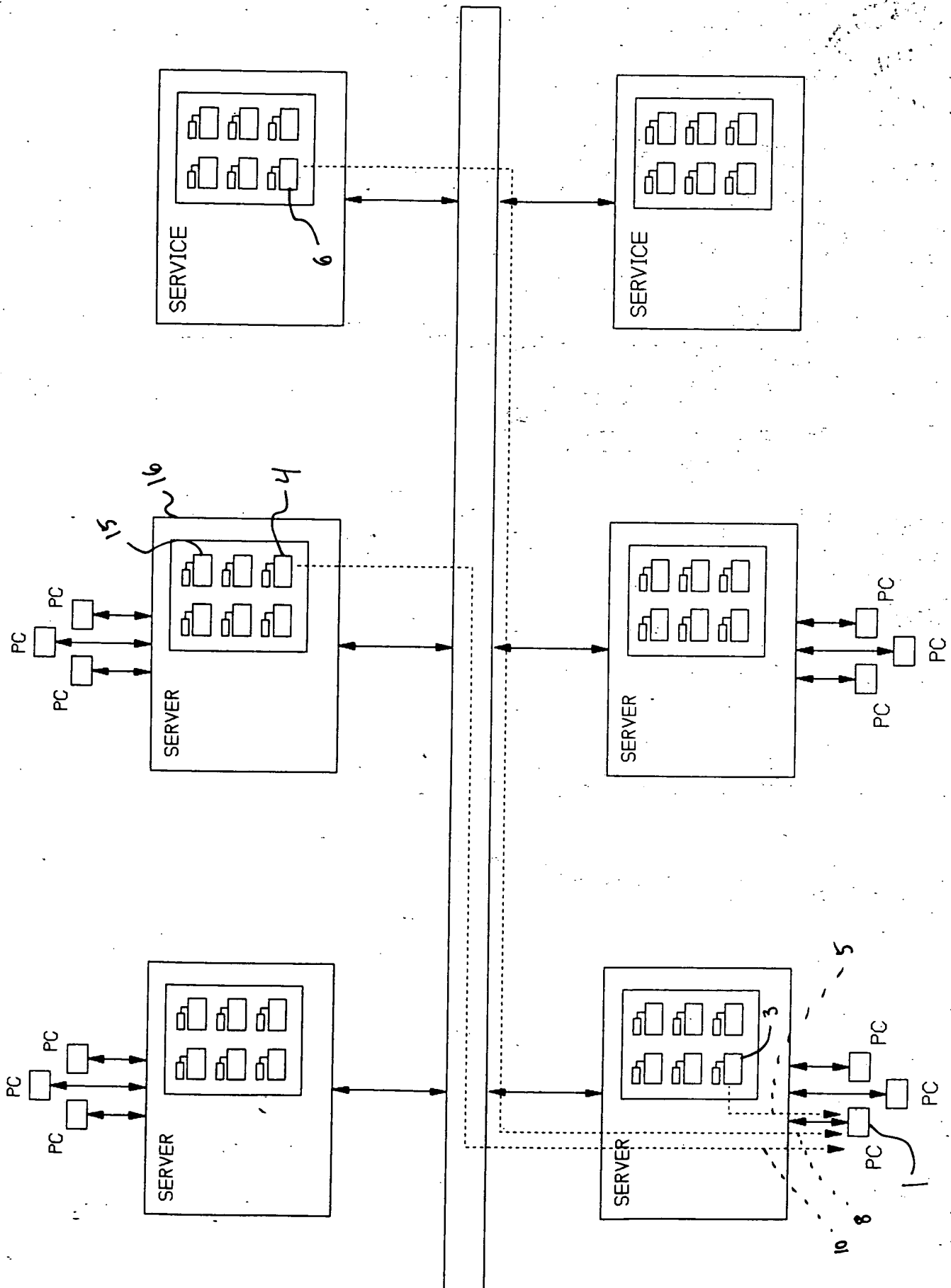


FIG 1B

FIG 1C



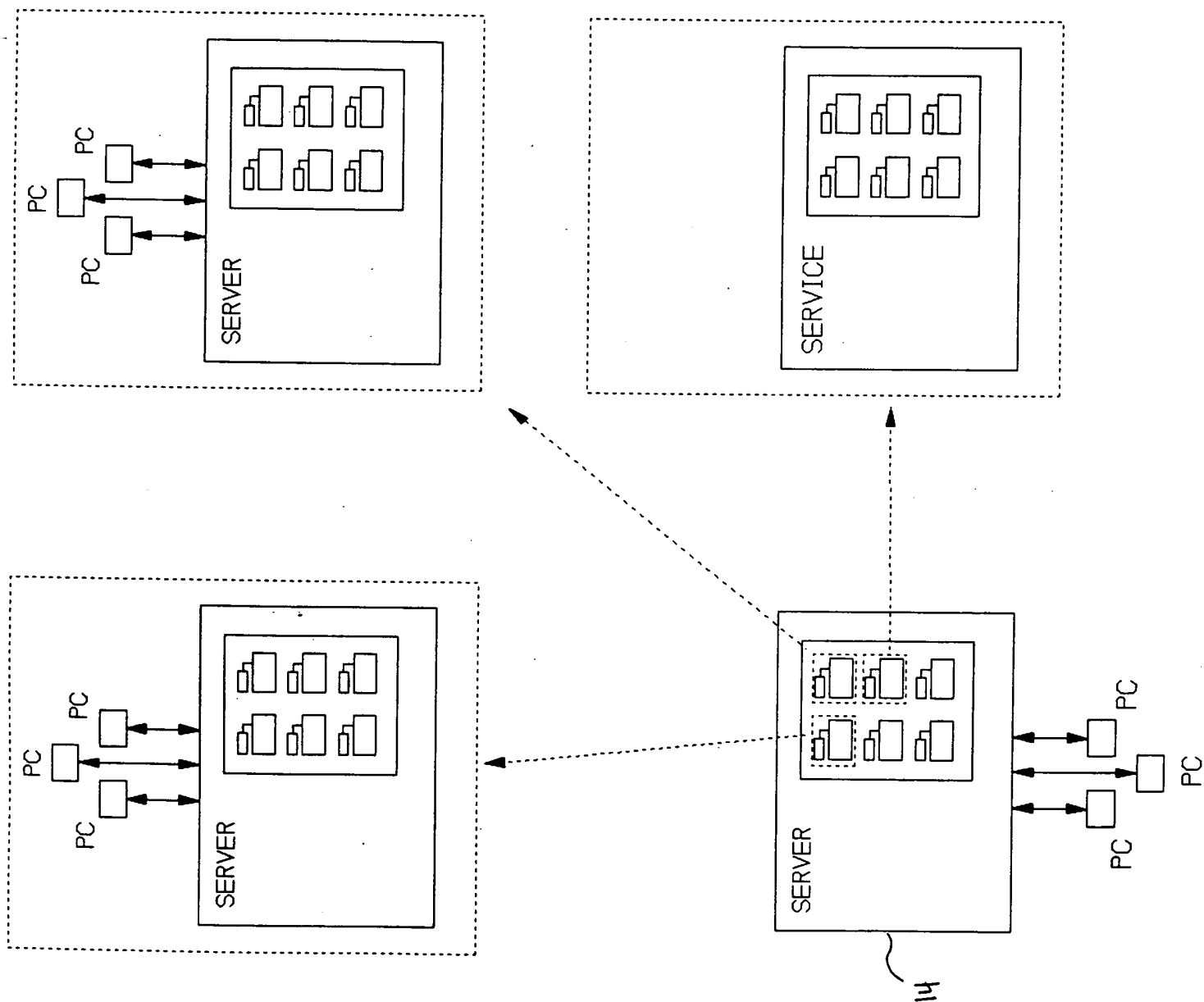


FIG 1D

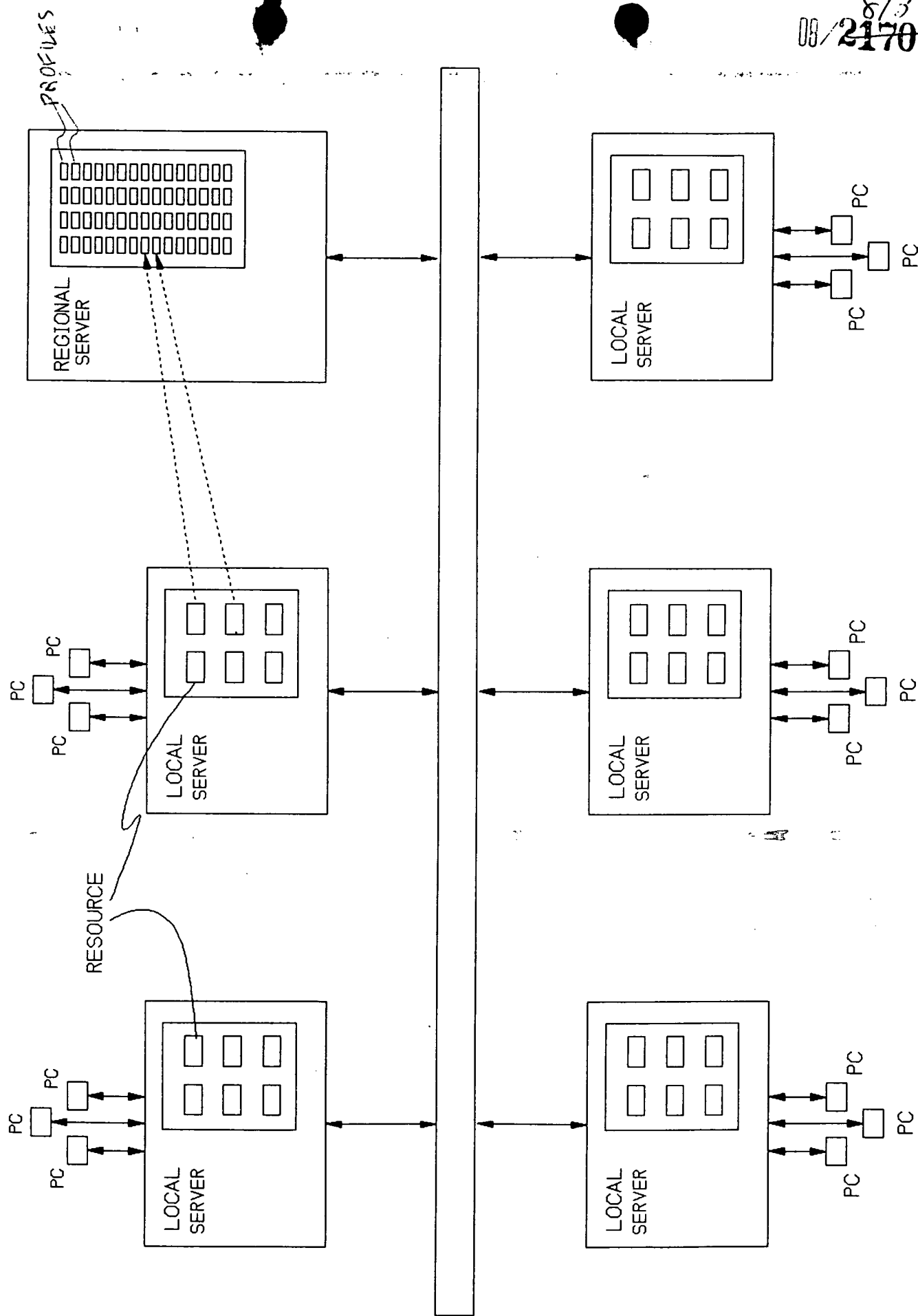
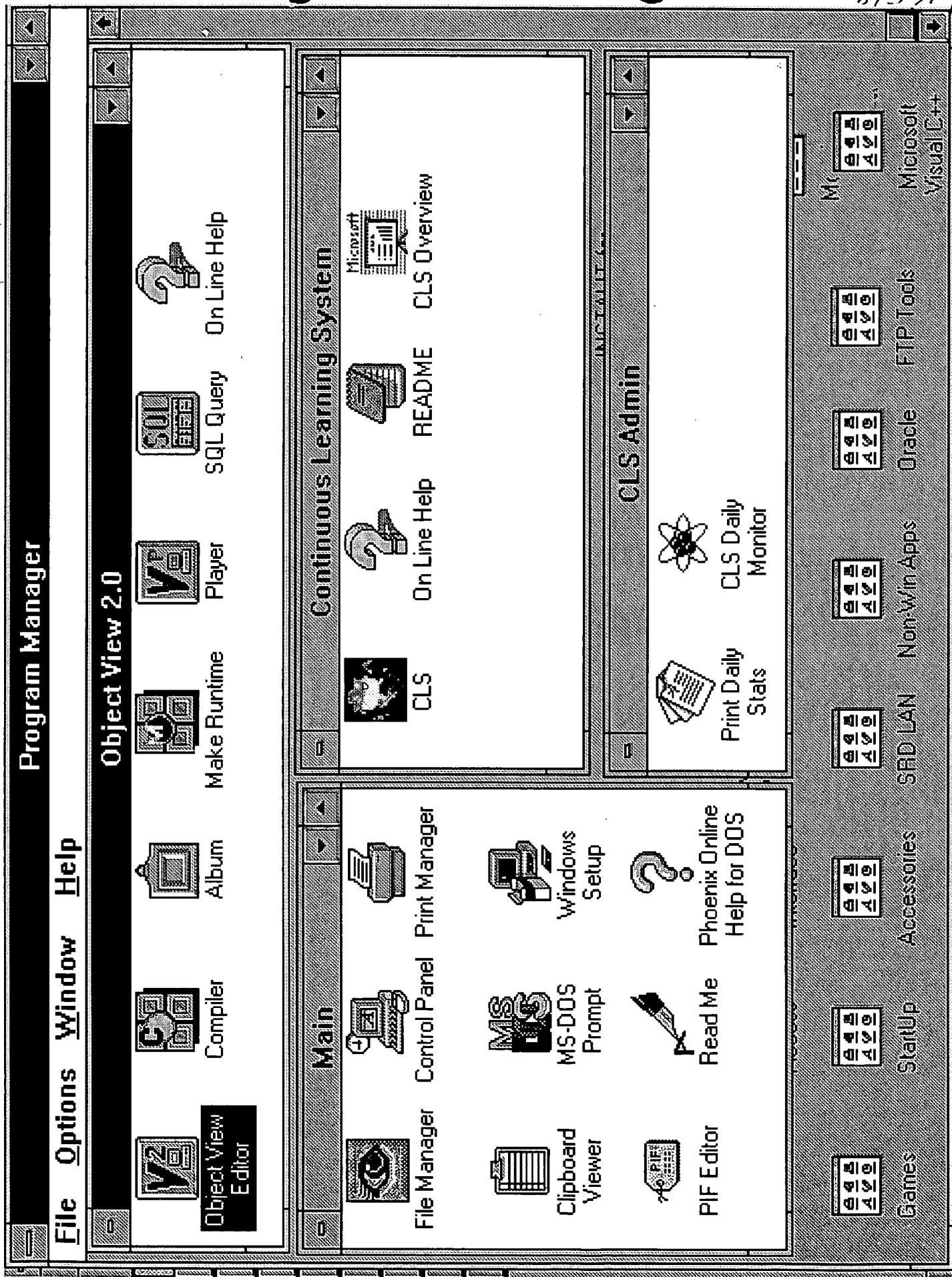


FIG 1E





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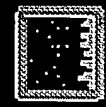
Login:

Password:

***** WARNING *****

FOR NCR INTERNAL USE ONLY

This system is approved for
UNRESTRICTED and NCR
CONFIDENTIAL information only.



After Dark



Vshield




Microsoft
PowerPoint -
Presentation




Program
Manager

Continuous Learning System

File CLS Overview Help

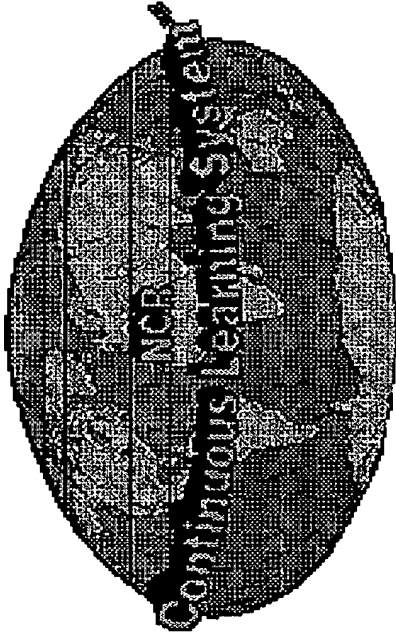


AT&T



An AT&T Company

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Login:
vcowan

Password:
#####

Ok

Cancel

***** WARNING *****
FOR NCR INTERNAL USE ONLY
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After Dark



Vshield



Microsoft
PowerPoint -
Presentation



Program
Manager

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Fig. 3

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Fig. 4

Continuous Learning System

File CLS Overview Help



AT&T



NCR

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Login:

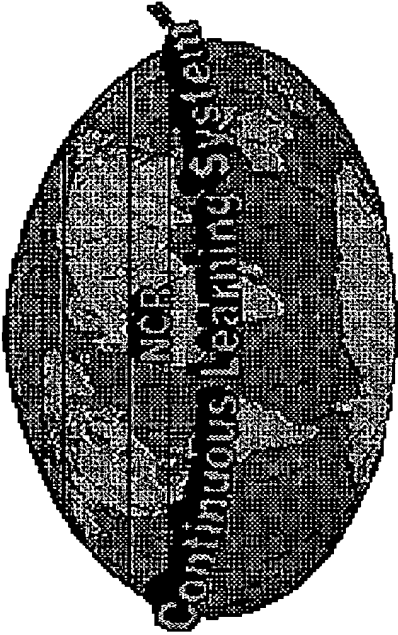
vcowan

Password:





#####

Ok

Cancel



Please Wait...Attempting to log on to the Continuous Learning System.


-  After Dark
-  Vshield
-  Microsoft PowerPoint - Presentation
-  C: Program Manager

FileOptionsHelp

NCR Continuous Learning System

Continuous Learning System


1



Locate and View

- Display resource names.
- Search resource names (including categories).
- Save search as interest
- Choose and receive information resource


2



Provide or Distribute

- Add, edit or delete entries to the Resource Center.


3



Identify Interests

- Identify and save interests for notification.
- Review existing saved interests

4



Personal Information

- Review your personal profile.
- Change password.

9 notification(s)

Vickie Cowan

CLS Advisor

16:35:17

Session Active.

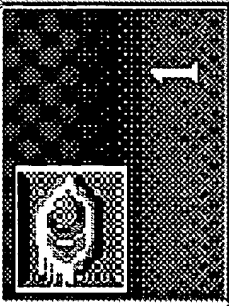
Click on a button for instructions or double click to execute the button. You may also select the corresponding number to execute the desired function.

Click on flashing button or depress F8 to view notifications.

FileOptionsHelp

NCR Continuous Learning System

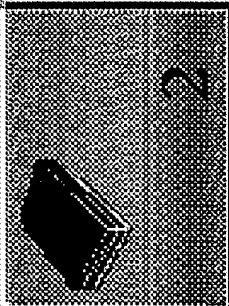
Continuous Learning System



1

Locate and View

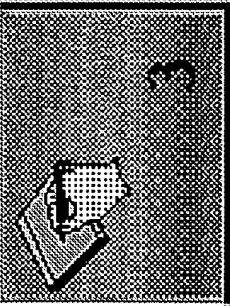
- Display resource names.
- Search resource names (including categories).
- Save search as interest
- Choose and receive information resource



2

Provide or Distribute

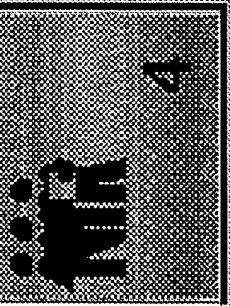
- Add, edit or delete entries to the Resource Center.



3

Identify Interests

- Identify and save interests for notification.
- Review existing saved interests



4

Personal Information

- Review your personal profile.
- Change password.

9 notification(s)

Vickie Cowan

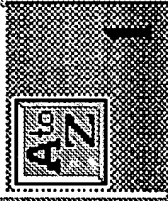
CLS Advisor

16:35:40

Session Active.
Click on a button for instructions or double click to execute the button.
You may also select the corresponding number to execute the desired function.

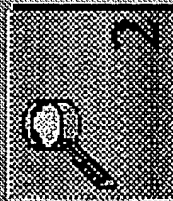
Click on flashing button or depress F8 to view notifications.

Locate and View



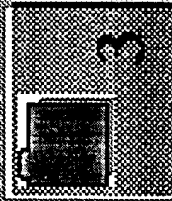
All Resources

- Display all authorized resources.



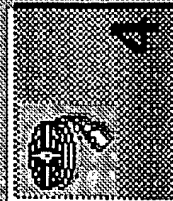
General Search

- Search resources by titles, descriptions, and/or dates.



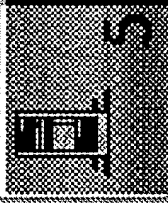
Category

- Display all authorized resources by categories.



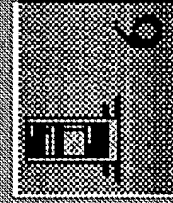
Media

- Display all authorized resources by media type.



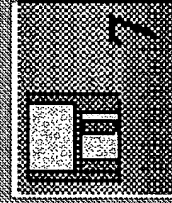
Repositories

- Display all authorized resources by repositories.



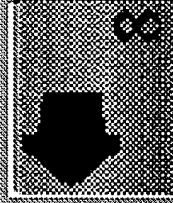
Systems

- Display all systems that can be executed by CLS.



Save Search as Interest

- Saves last search request.

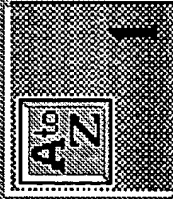


Back to Previous Screen

- Close window and return to main

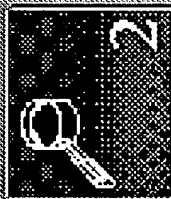
Select an item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.

Locate and View



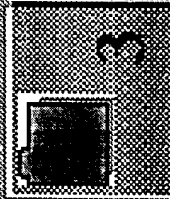
All Resources

- Display all authorized resources.



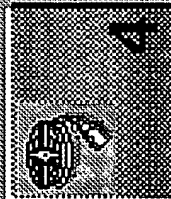
General Search

- Search resources by titles, descriptions, and/or dates.



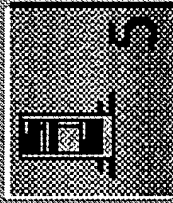
Category

- Display all authorized resources by categories.



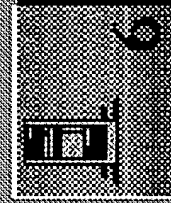
Media

- Display all authorized resources by media type.



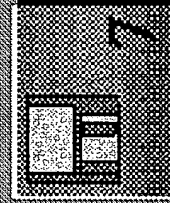
Repositories

- Display all authorized resources by repositories.



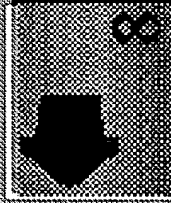
Systems

- Display all systems that can be executed by CLS.



Save Search as Interest.

- Saves last search request.



Back to Previous Screen

- Close window and return to main

Select an item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.

CLS - Locate and View

File Help

Search

File Help

AND @

OR

NOT !

Title:

Description:

Date:

AND

OR

NOT

Ok

Cancel

Clear

Help

media

Display all authorized resources by media type.

BACK TO PREVIOUS SCREEN

Close window and return to main

Type in your search word, phrase or letters. Click on Search button and if there are any resources that match your search entry a list will be displayed or an error will be displayed. Press F1 for help.

Fig. 9

CLS - Locate and View

File Help

Search

AND@

OR

NOT!

Title:

unix

AND

Description:

ON

Date:

//

dd/mm/yy

Ok

Cancel

Clear

Help

Media

4

Display all authorized resources by media type.

BACK TO PREVIOUS SCREEN

Close window and return to main

Type in your search word, phrase or letters. Click on Search button and if there are any resources that match your search entry a list will be displayed or an error will be displayed. Press F1 for help.

Catalog Search Results

File Help

7 entries returned.

Resource Profile...

	Media	Date/Time	Title
1	On Line	12/08/93 16:25	WWSM - NCR UNIX "Ready for Prime Time"
2	On Line	12/16/93 13:53	UNIX Reference Pak: Part 1 of 4 - Table of contents
3	On Line	12/16/93 14:02	UNIX Reference Pak: Part 2 of 4 - AT&T/NCR's Position on
4	On Line	12/16/93 14:05	UNIX Reference Pak: Part 3 of 4 - System Overview
5	On Line	12/16/93 14:09	UNIX Reference Pak: Part 4 of 4 - HP-UX vs. NCR SVR4 M
6	On Line	01/03/94 15:52	NCR UNIX SVR4 MP-RAS Rel 2.02 Release Letter
7	On Line	01/19/94 09:57	NCR UNIX Online Library

Retrieve Close

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Fig. 12

Catalog Search Results

File Help

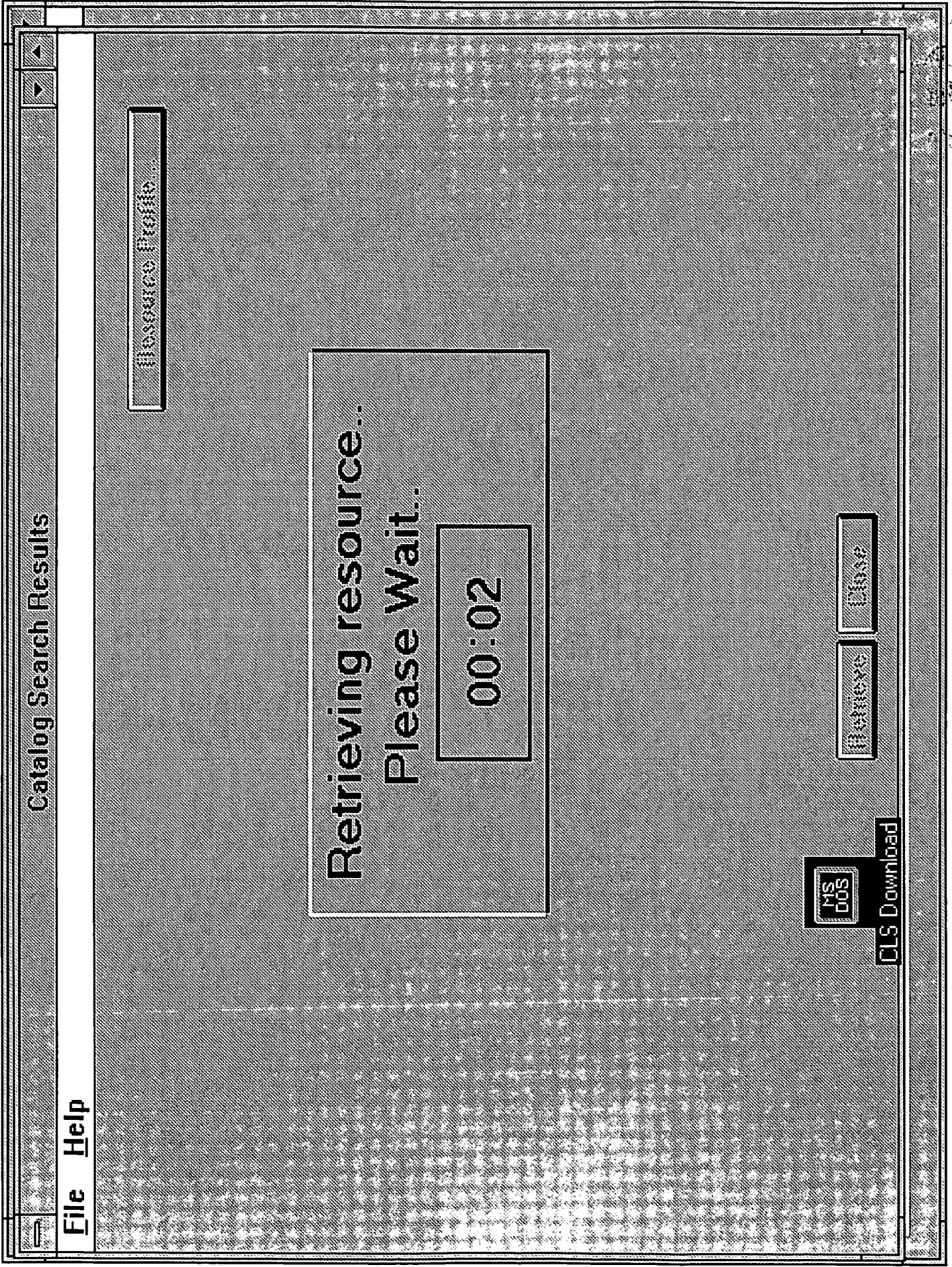
7 entries returned.

Resource Profile...

	Media	Date/Time	Title
1	On Line	12/08/93 16:25	WWSM - NCR UNIX "Ready for Prime Time"
2	On Line	12/16/93 13:53	UNIX Reference Pak: Part 1 of 4 - Table of contents
3	On Line	12/16/93 14:02	UNIX Reference Pak: Part 2 of 4 - AT&T/NCR's Position on
4	On Line	12/16/93 14:05	UNIX Reference Pak: Part 3 of 4 - System Overview
5	On Line	12/16/93 14:09	UNIX Reference Pak: Part 4 of 4 - HP-UX vs. NCR SVR4 M
6	On Line	01/03/94 15:52	NCR UNIX SVR4 MP-RAS Rel 2.02 Release Letter
7	On Line	01/19/94 09:57	NCR UNIX Online Library

Retrieve

Close





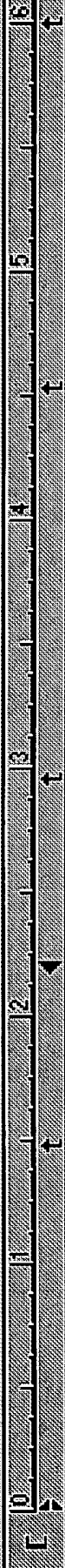
Normal

Times New Roman

10



B I U



**FINAL
PRODU
RELEAS**

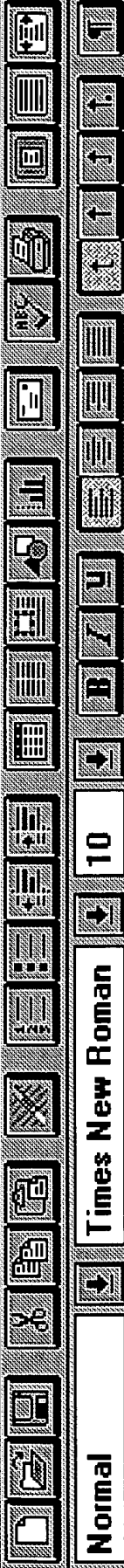
CLS Note



You must save this file to a different location if
you wish to have it on your machine.

OK

**NCR UNIX SVR4 ONLINE
LIBRARY**



Normal

Times New Roman

10



FINAL PRODUCT RELEASE

NCR UNIX SVR4 ONLINE LIBRARY

CLS - Locate and View

File Help

Locate

File Help

AND-@

OR-|

NOT-!

Title:

unix@library

AND

Description:

ON

Date:

//

dd/mm/yy

Ok

Cancel

Clear

Help

media

4

8

BACK TO PREVIOUS SCREEN

• Display all authorized resources by media type.

• Close window and return to main

Type in your search word, phrase or letters. Click on Search button and if there are any resources that match your search entry a list will be displayed or an error will be displayed. Press F1 for help.

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Fig. 16

File Help

Catalog Search Results

Resource Profile...

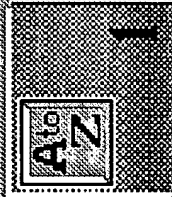
1 entries returned.

Media	Date/Time	Title
1 On Line	01/19/94 09:57	NCR UNIX Online Library

Retrieve Close

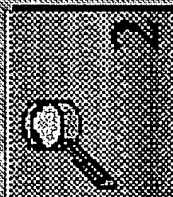


Locate and View



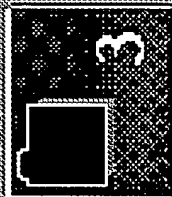
All Resources

- Display all authorized resources.



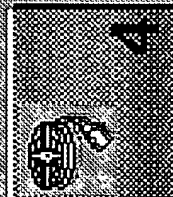
General Search

- Search resources by titles, descriptions, and/or dates.



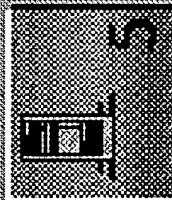
Category

- Display all authorized resources by categories.



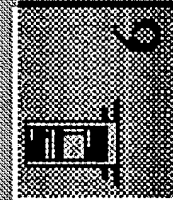
Media

- Display all authorized resources by media type.



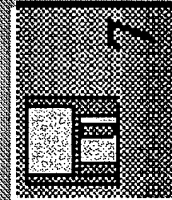
Repositories

- Display all authorized resources by repositories.



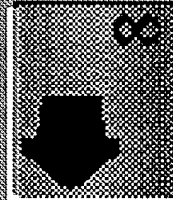
Systems

- Display all systems that can be executed by CLS.



Save Search as Interest.

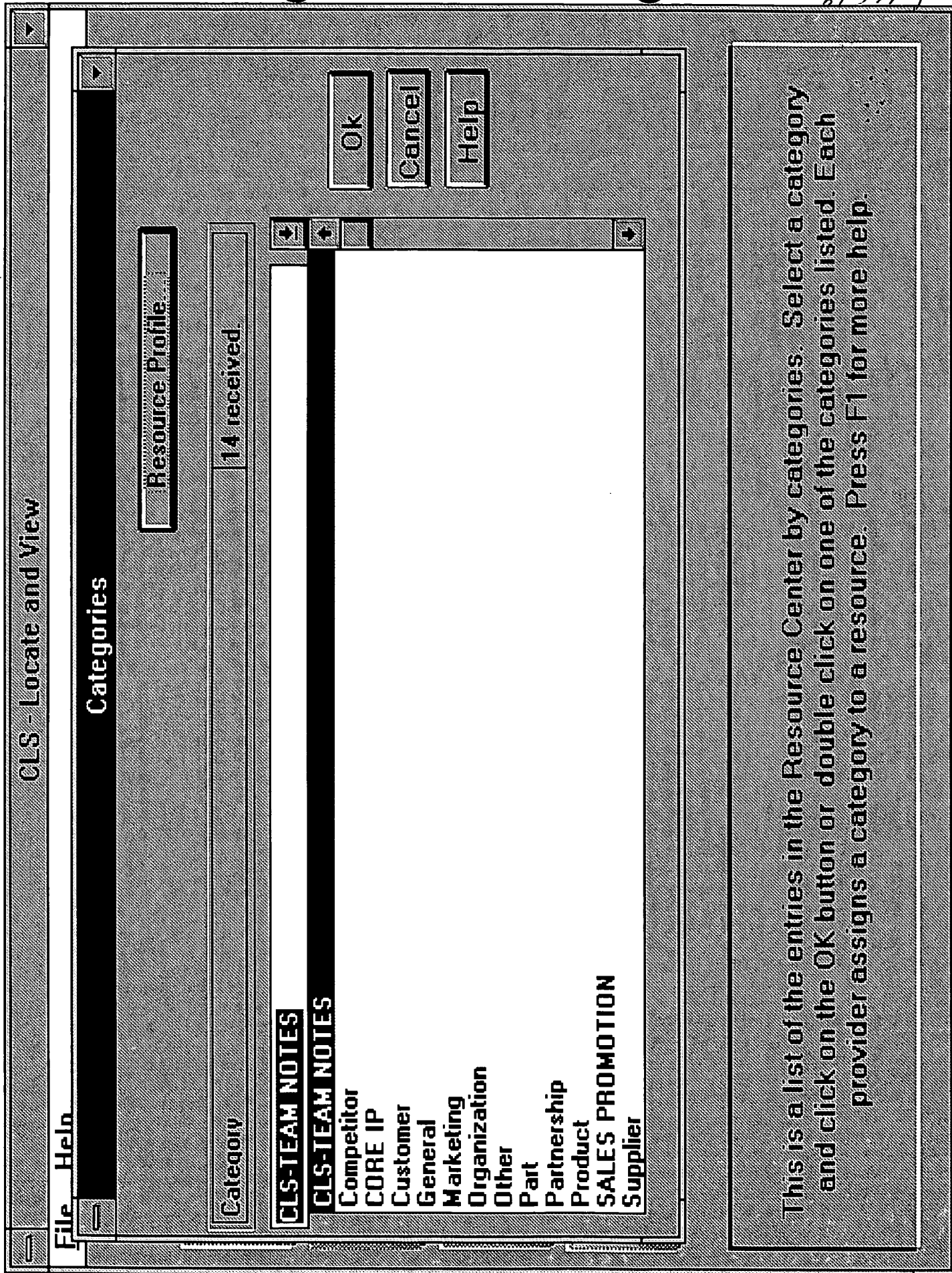
- Saves last search request.



Back to Previous Screen

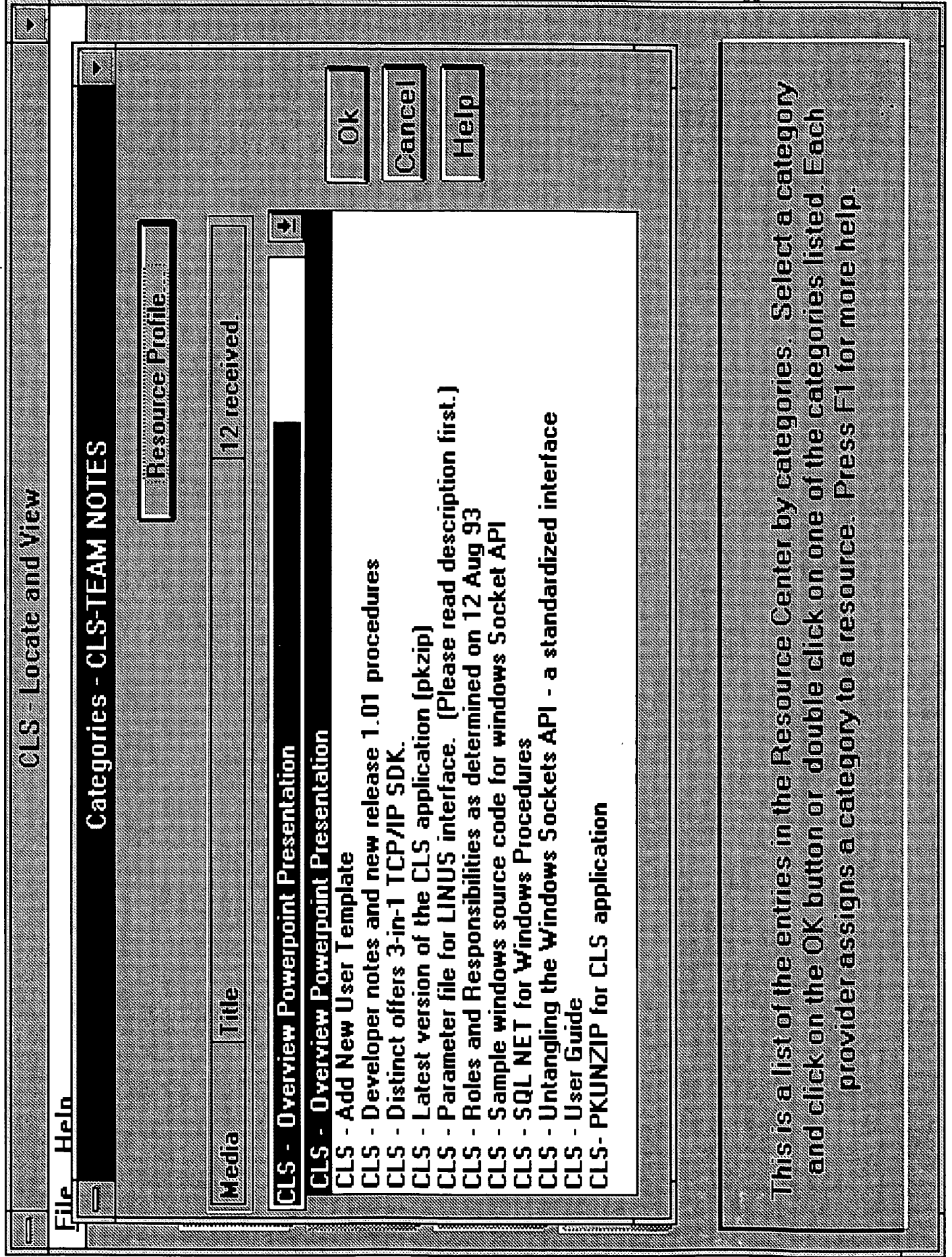
- Close window and return to main

Select an item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.

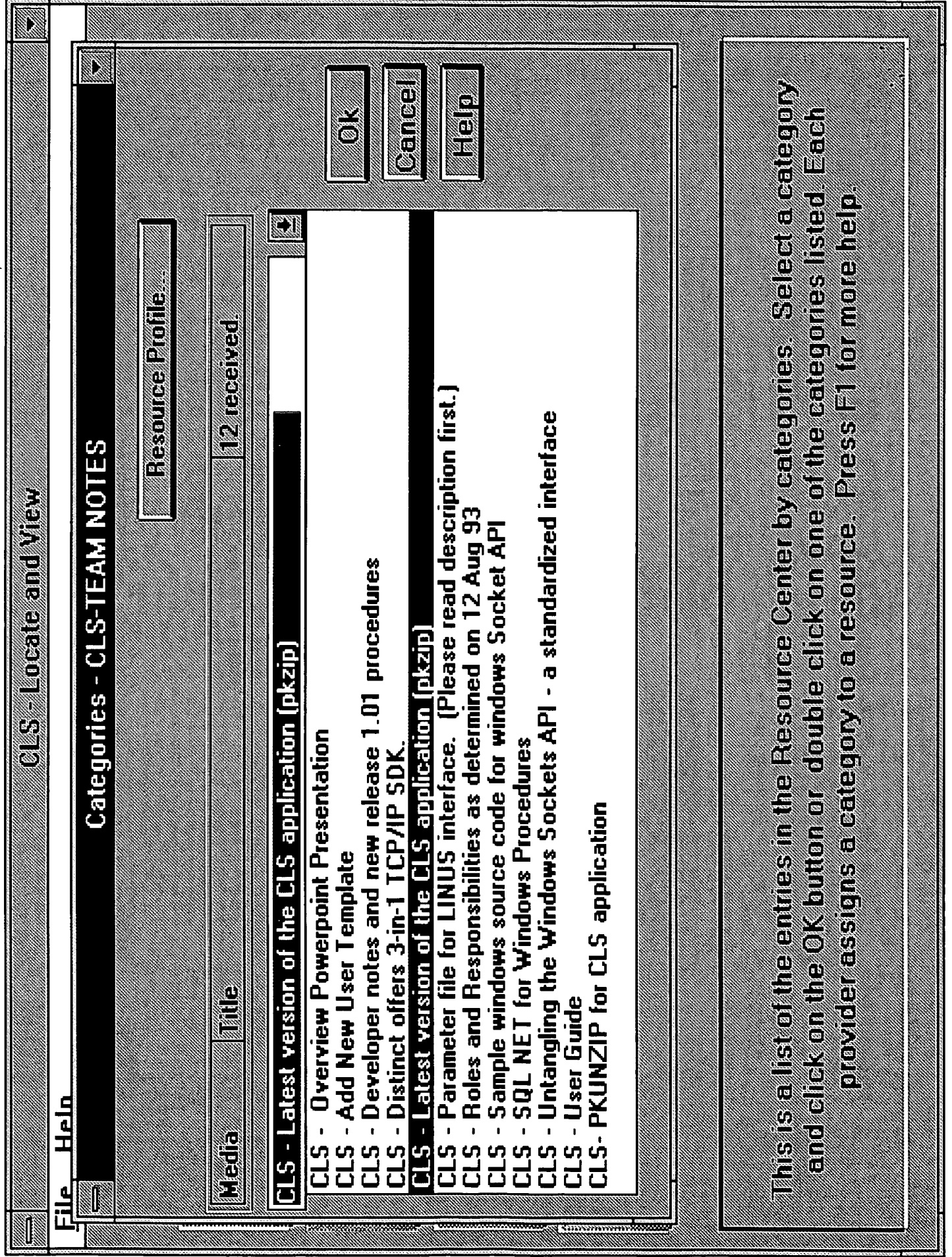


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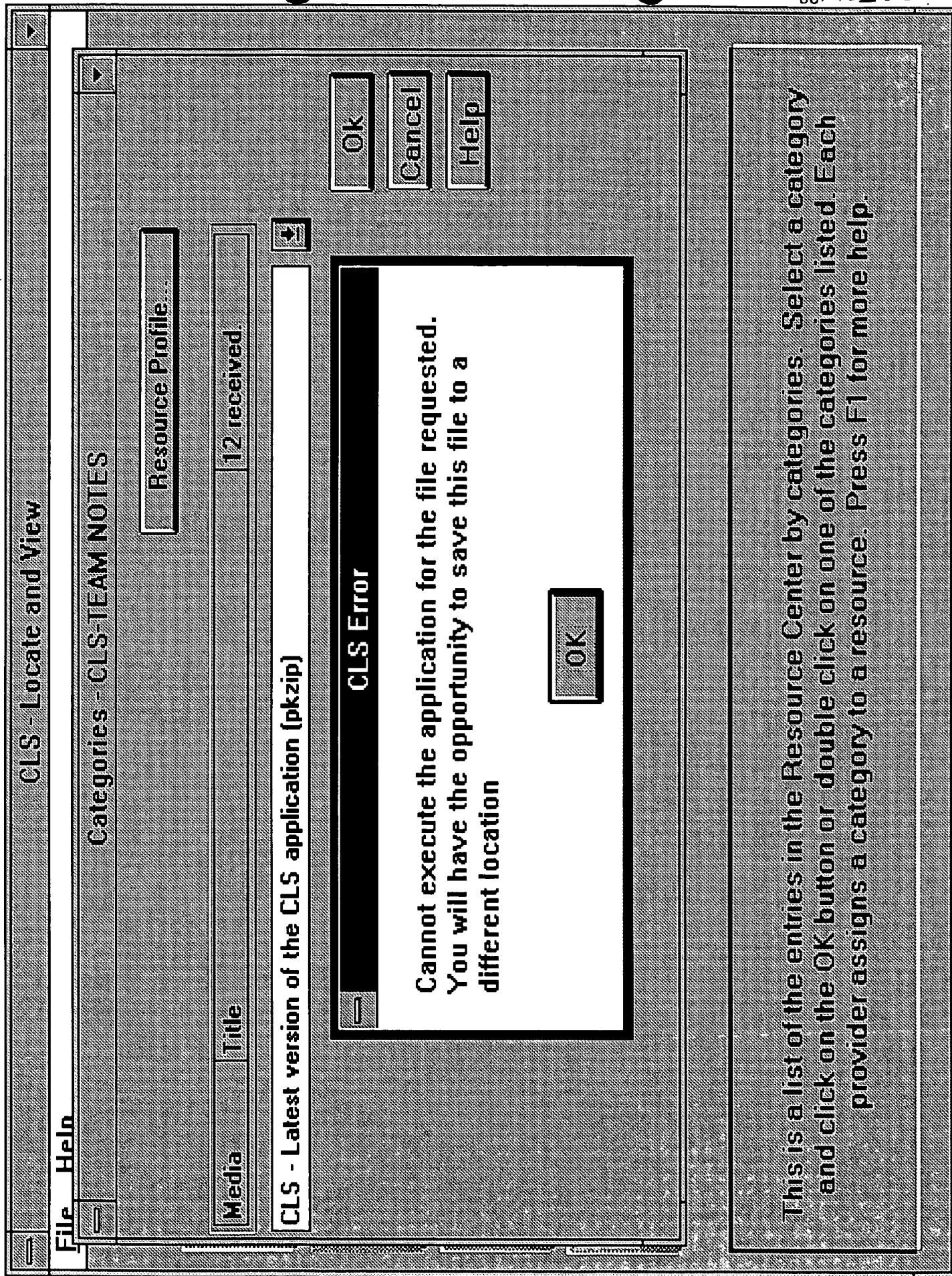
Fig. 19



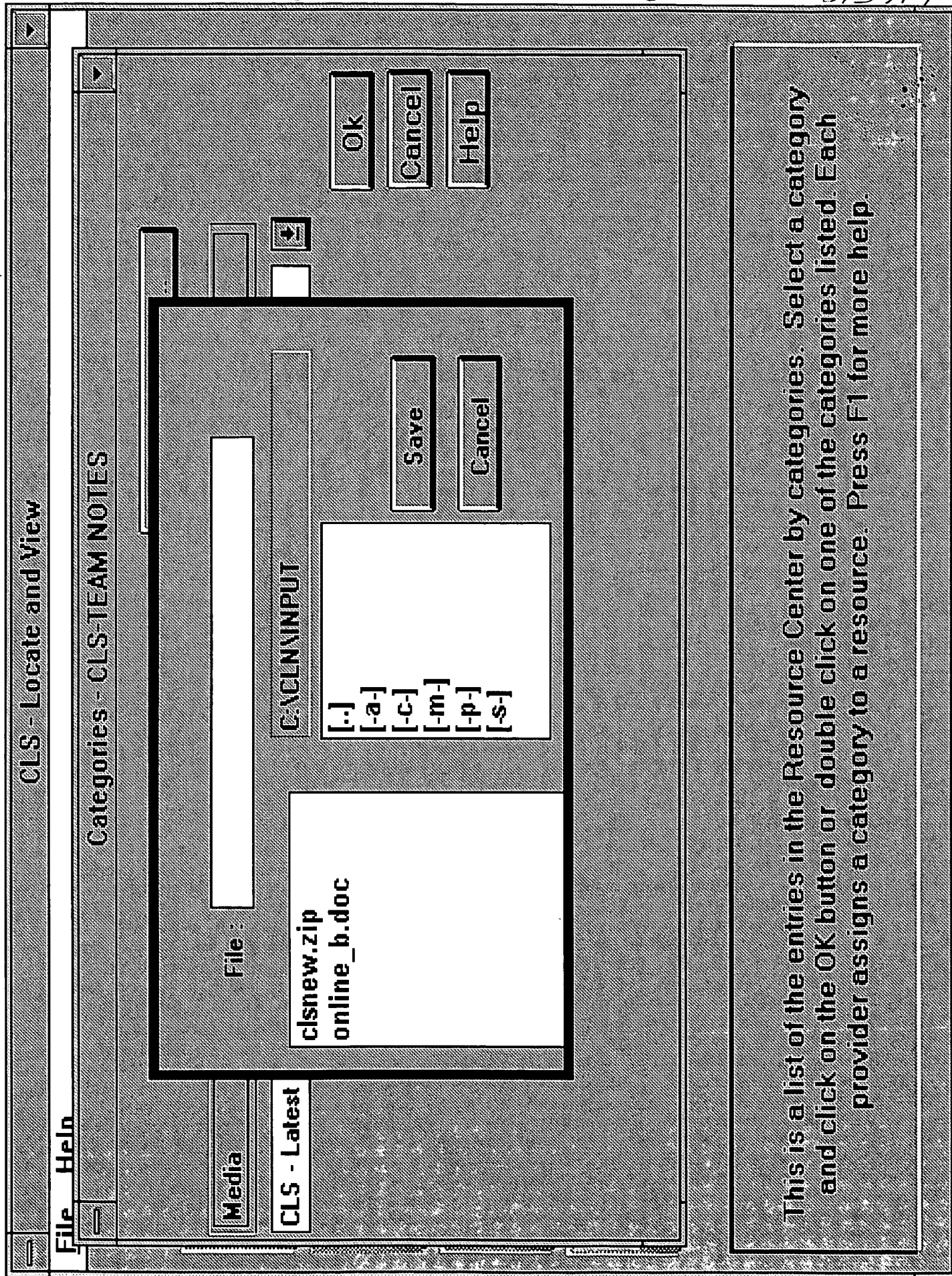
8/3714
217065



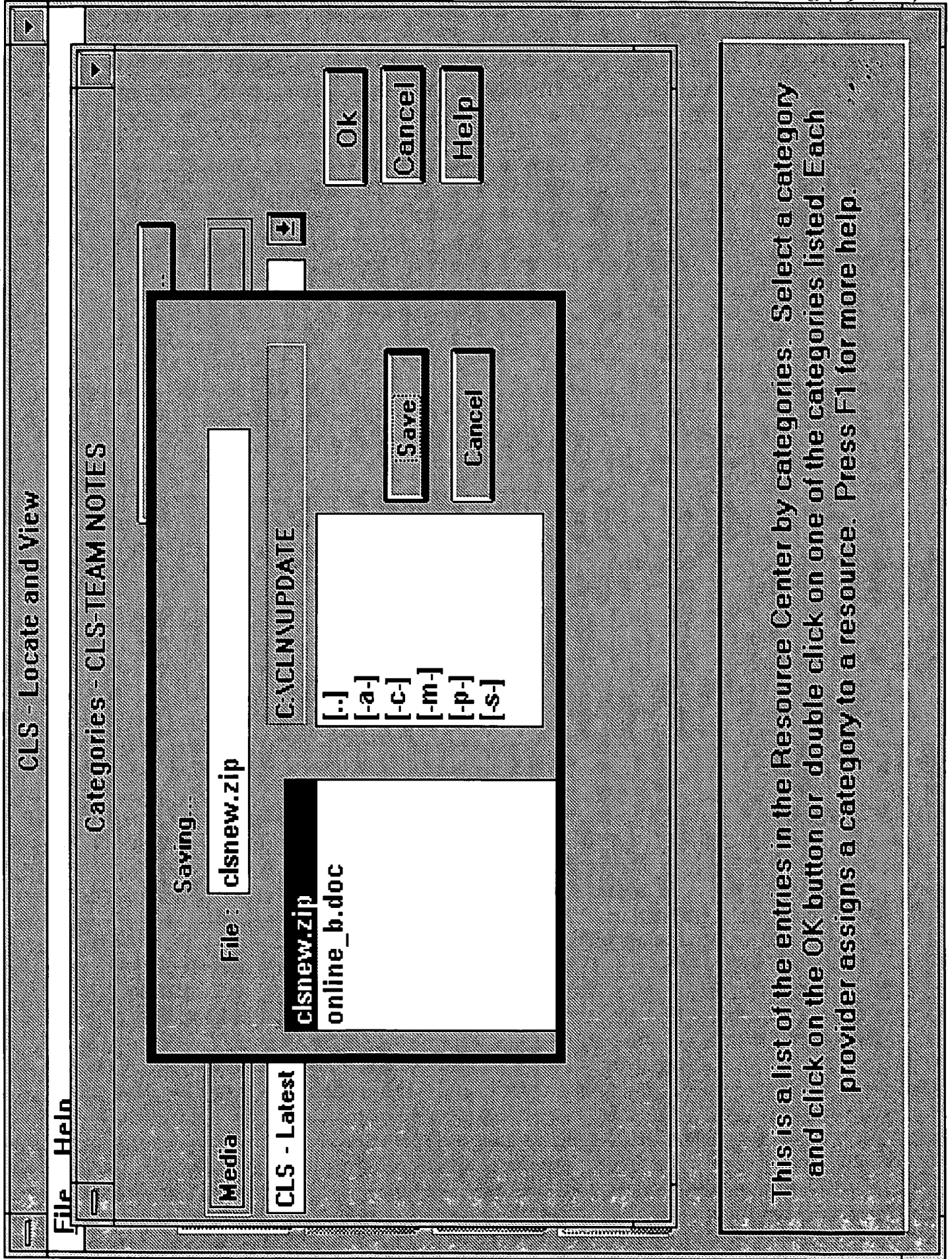
8/3 764
217055



This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.



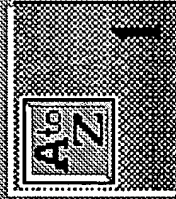
This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.



This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.

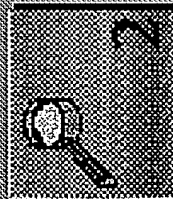
Fig. 24

Locate and View



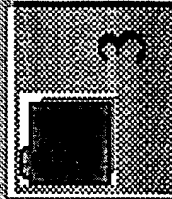
All Resources

- Display all authorized resources.



General Search

- Search resources by titles, descriptions, and/or dates.



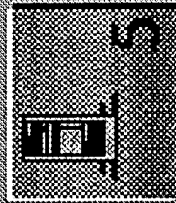
Category

- Display all authorized resources by categories.



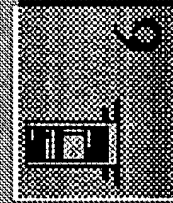
Media

- Display all authorized resources by media type.



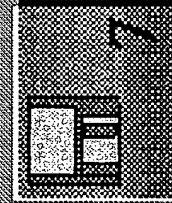
Repositories

- Display all authorized resources by repositories.



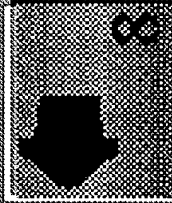
Systems

- Display all systems that can be executed by CLS.



Save Search as Interest

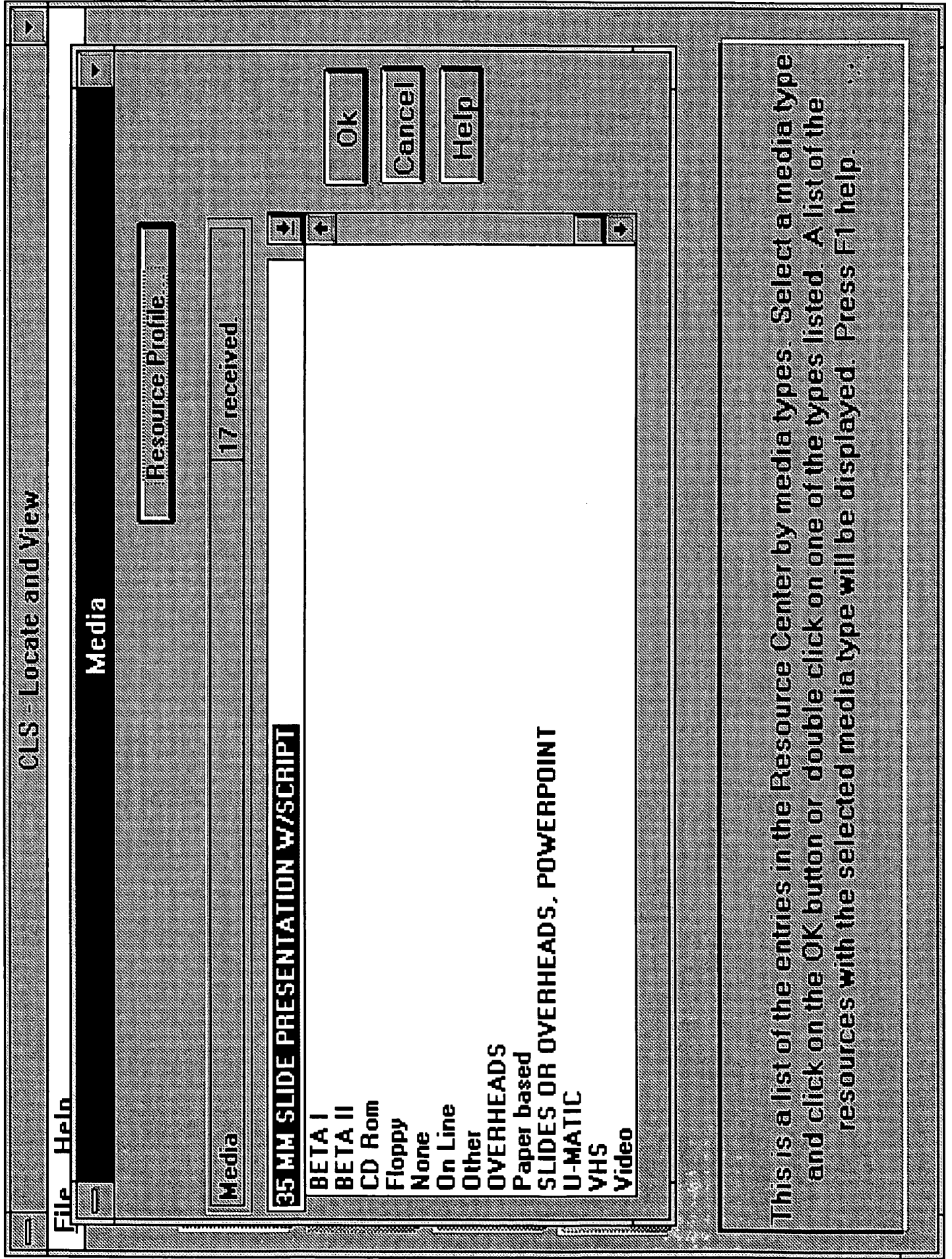
- Saves last search request.



Back to Previous Screen

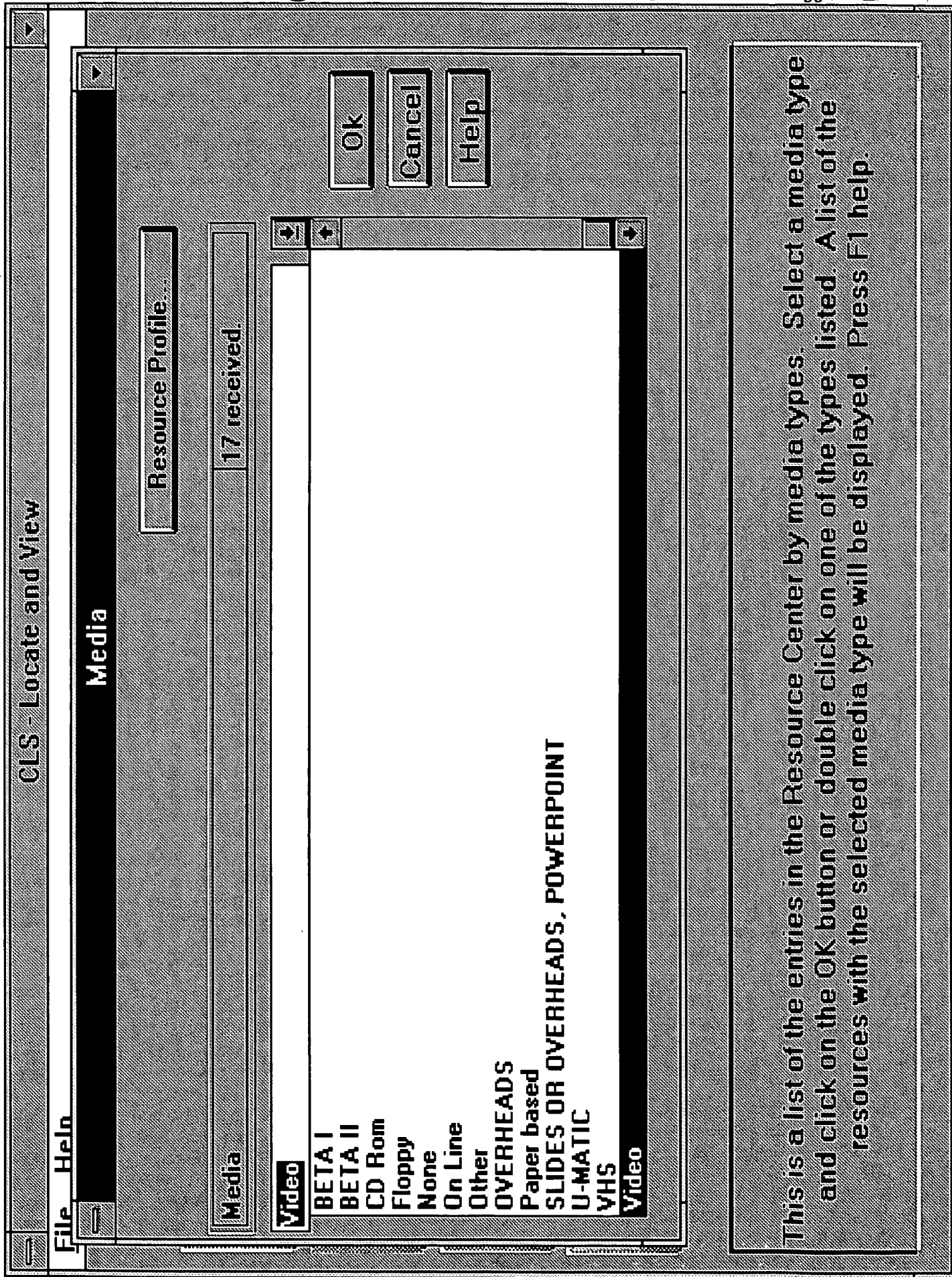
- Close window and return to main

Select an item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.

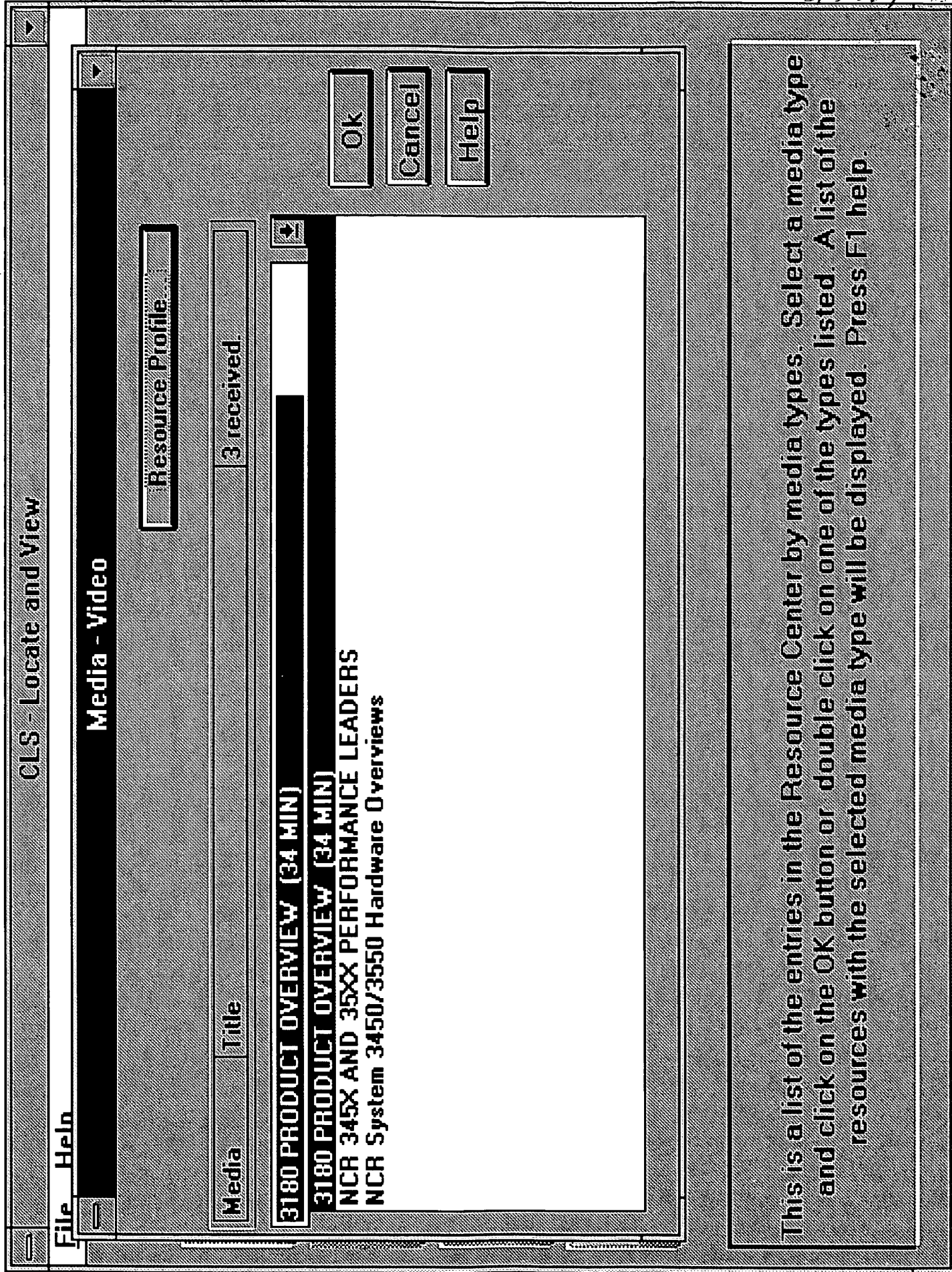


This is a list of the entries in the Resource Center by media types. Select a media type and click on the OK button or double click on one of the types listed. A list of the resources with the selected media type will be displayed. Press F1 help.

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Fig. 27

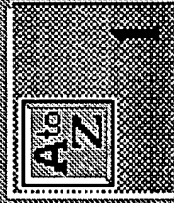


This is a list of the entries in the Resource Center by media types. Select a media type and click on the OK button or double click on one of the types listed. A list of the resources with the selected media type will be displayed. Press F1 help.

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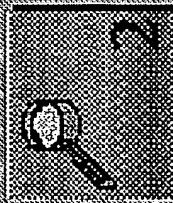
Fig. 28

Locate and View



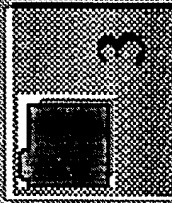
All Resources

- Display all authorized resources.



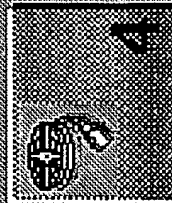
General Search

- Search resources by titles, descriptions, and/or dates.



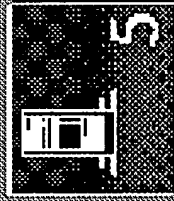
Category

- Display all authorized resources by categories.



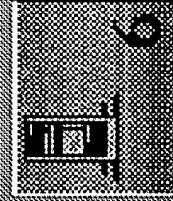
Media

- Display all authorized resources by media type.



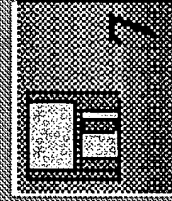
Repositories

- Display all authorized resources by repositories.



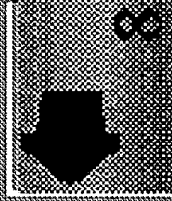
Systems

- Display all systems that can be executed by CLS.



Save Search as Interest.

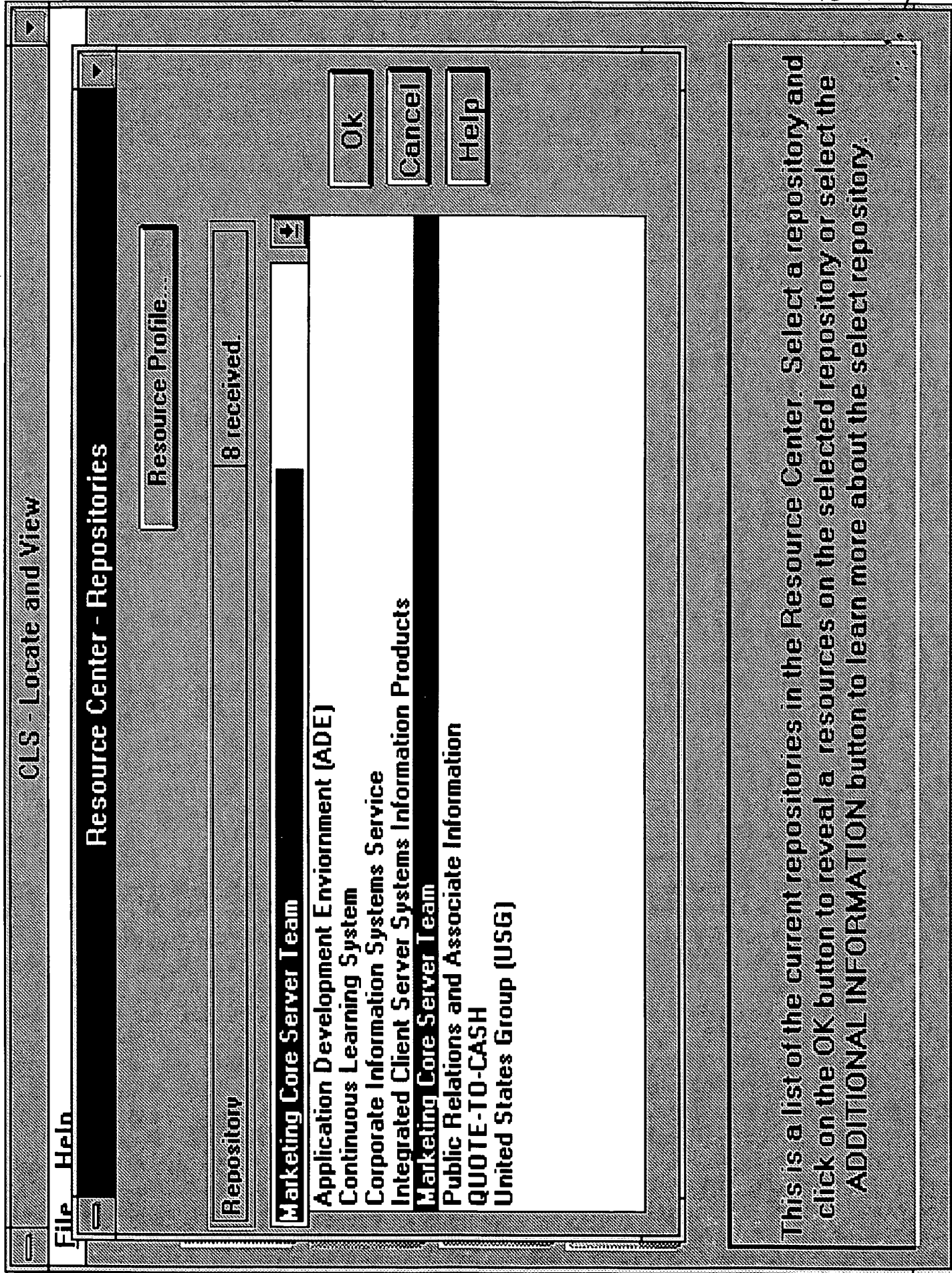
- Saves last search request.



Back to Previous Screen

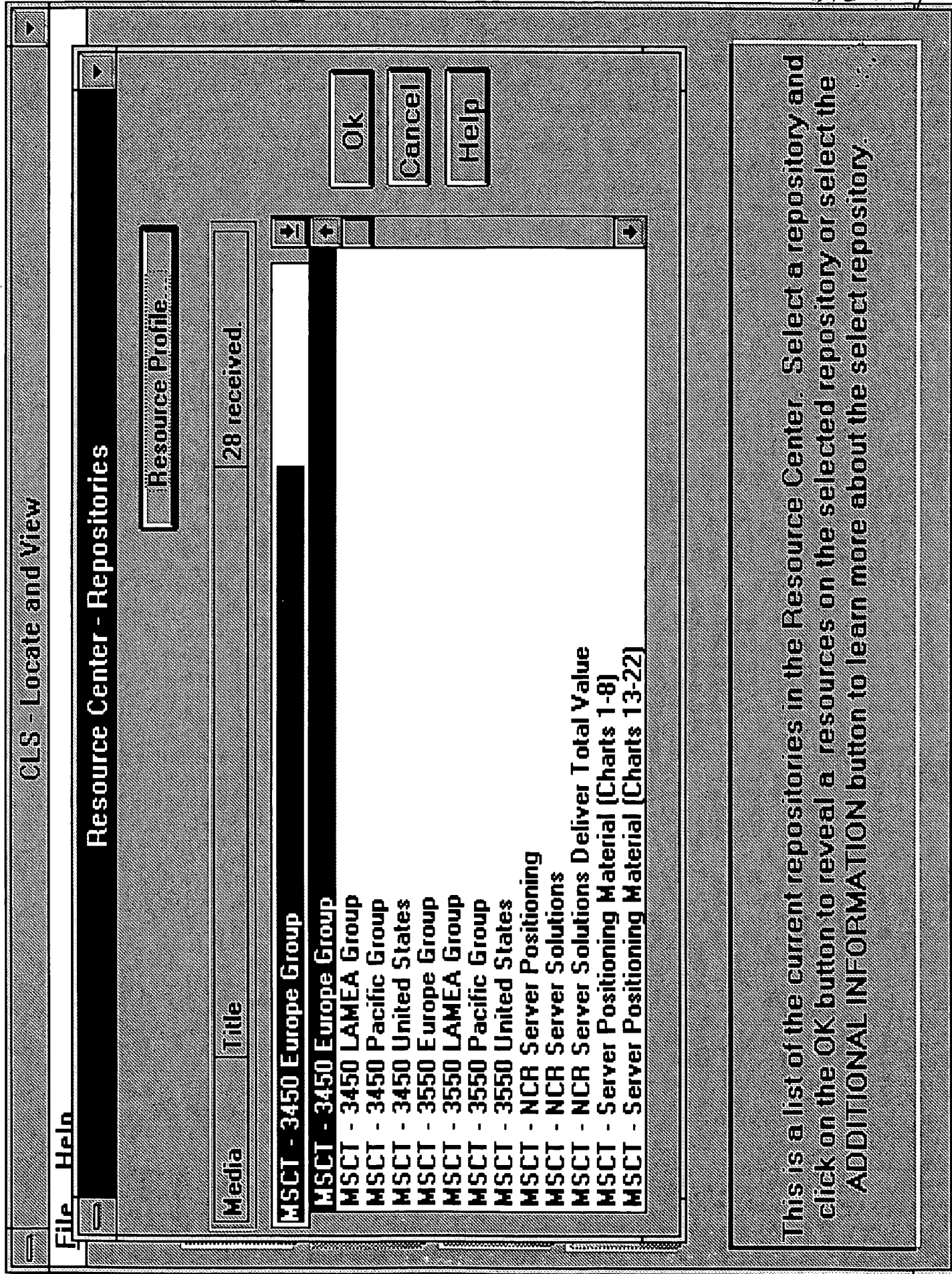
- Close window and return to main

Select an item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.



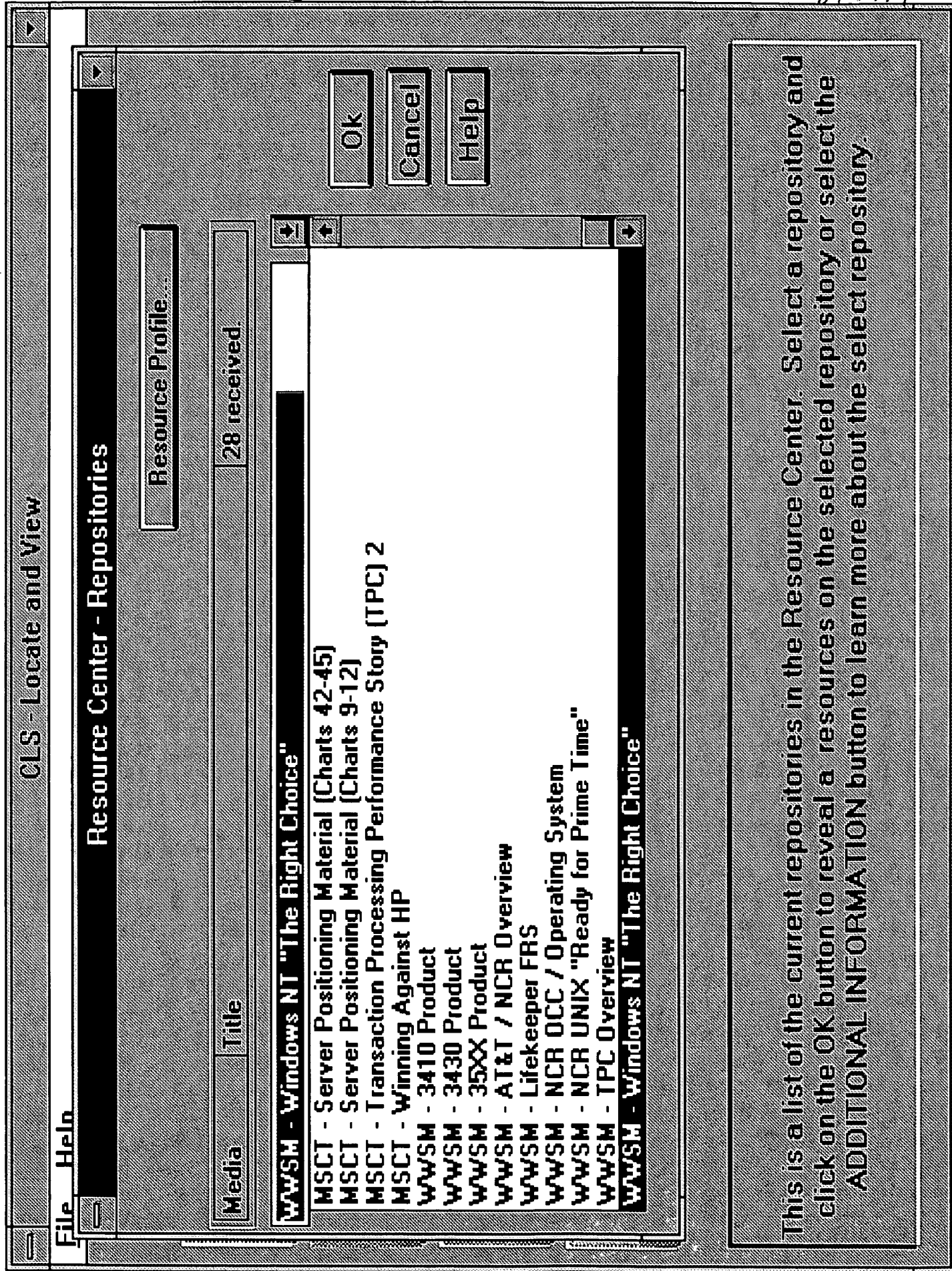
217055
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Fig. 30



2170655
813714


Fig. 31





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873714

Fig. 32








An AT&T Company




An AT&T Company

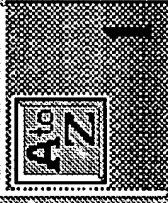
The Right Choice for Windows NT



**Powerful, Open
Solutions**



217065
813714

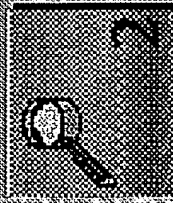
Fig. 33

Locate and View



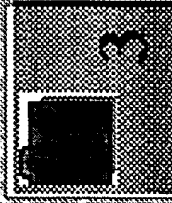
All Resources

- Display all authorized resources.



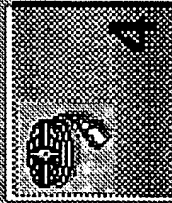
General Search

- Search resources by titles, descriptions, and/or dates.



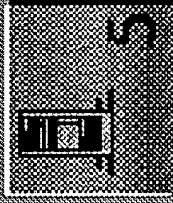
Category

- Display all authorized resources by categories.



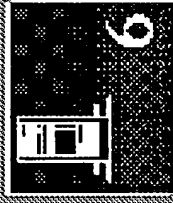
Media

- Display all authorized resources by media type.



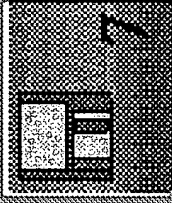
Repositories

- Display all authorized resources by repositories.



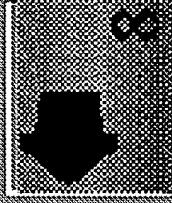
Systems

- Display all systems that can be executed by CLS.



Save Search as Interest.

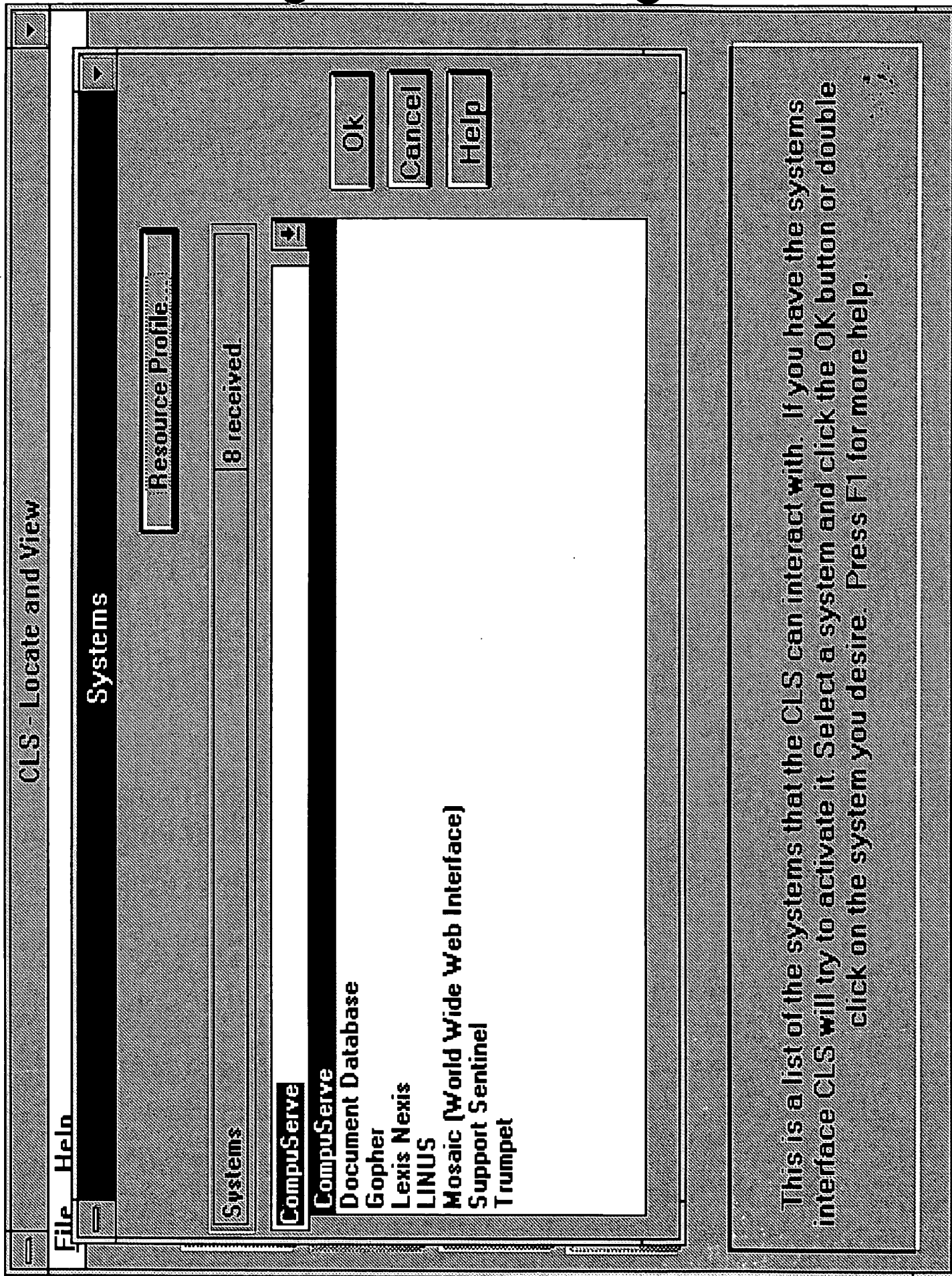
- Saves last search request.



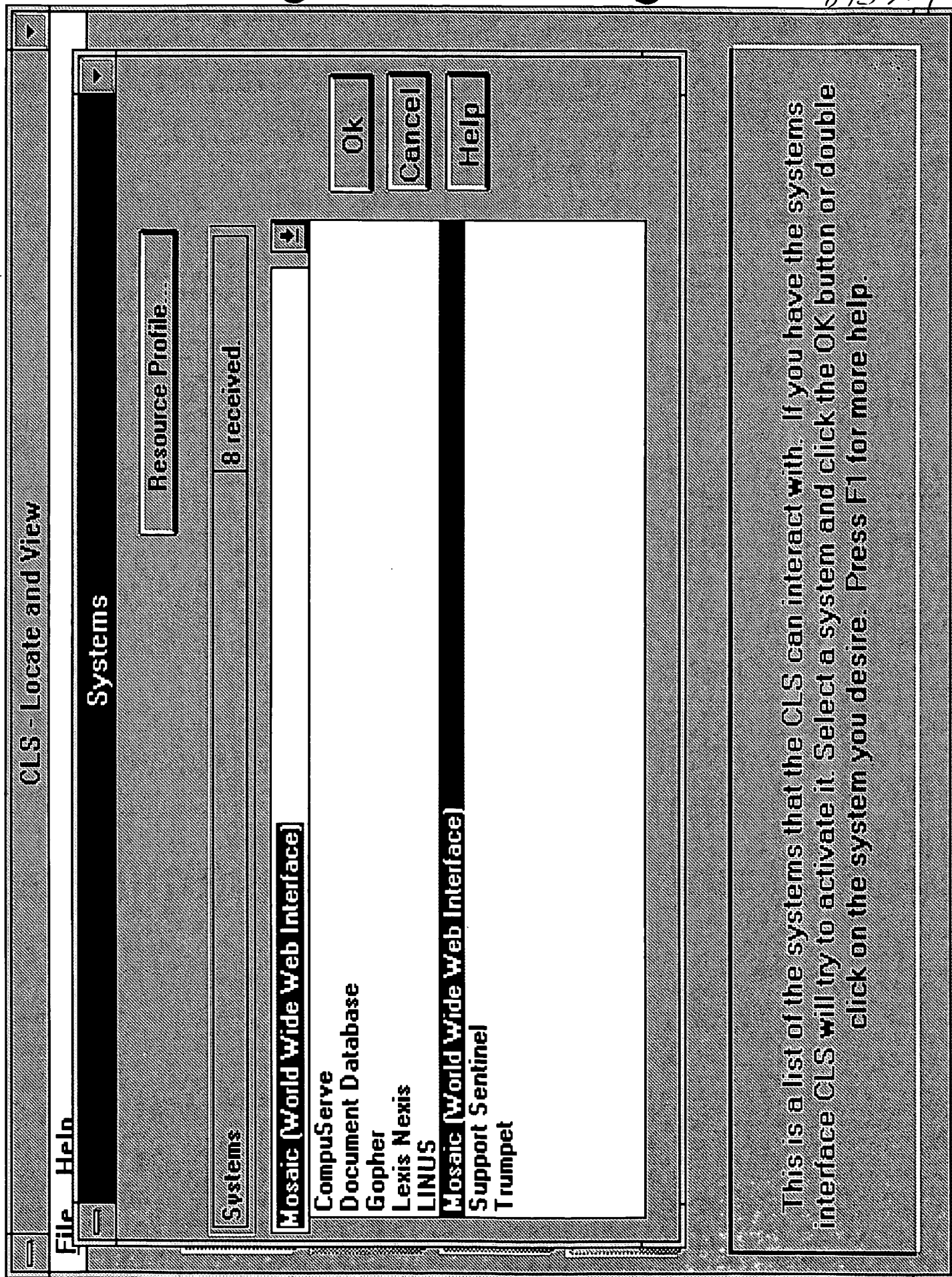
Back to Previous Screen

- Close window and return to main

Select an item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.



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Fig. 35



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Document Title: NCRINFO

Document URL: http://ncrinfo.ncr.com

NCR Information Server



This is the WorldWideWeb view of the server ncrinfo.ncr.com

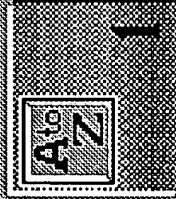
- ◆ [NCR Topics](#)
- ◆ [High Performance Computing and Communications \(US Gov't\)](#)
- ◆ [Other Public Gophers on Computing Topics](#)
- ◆ [All Worldwide Public Gophers](#)
- ◆ [Search All Menus on ncrinfo](#)
- ◆ [About ncrinfo](#)

NUM

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87.3.714

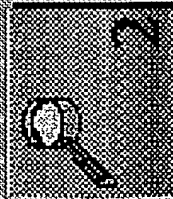
Fig. 37

Locate and View



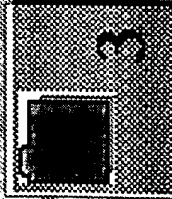
All Resources

- Display all authorized resources.



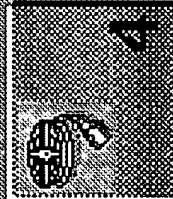
General Search

- Search resources by titles, descriptions, and/or dates.



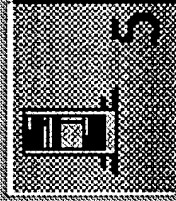
Category

- Display all authorized resources by categories.



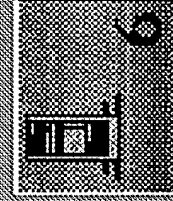
Media

- Display all authorized resources by media type.



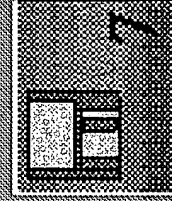
Repositories

- Display all authorized resources by repositories.



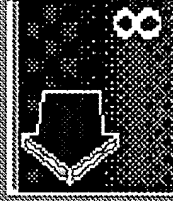
Systems

- Display all systems that can be executed by CLS.



Save Search as Interest

- Saves last search request.

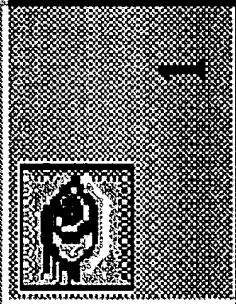


Back to Previous Screen

- Close window and return to main

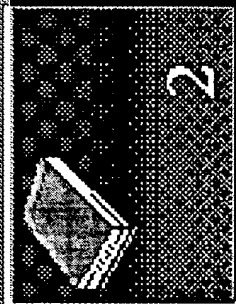
Select an item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.

Continuous Learning System



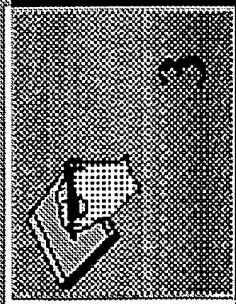
Locate and View

- Display resource names.
- Search resource names (including categories).
- Save search as interest
- Choose and receive information resource



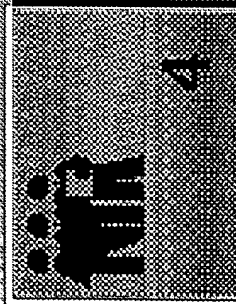
Provide or Distribute

- Add, edit or delete entries to the Resource Center.



Identify Interests

- Identify and save interests for notification.
- Review existing saved interests



Personal Information

- Review your personal profile.
- Change password.

Session Active.

Click on a button for instructions or double click to execute the button. You may also select the corresponding number to execute the desired function.

Click on flashing button or depress F8 to view notifications.

9 notification(s)

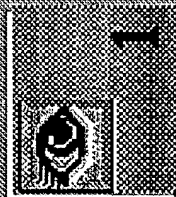
Vickie Cowan

CLS Advisor

16:55:55

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813714

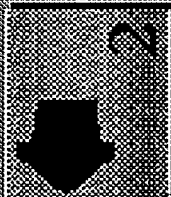
Provide or Distribute



1

Provide

- Add, modify or delete entries to the Resource Center.



2

Back to Previous Screen

- Close window and return to previous menu.

Select an item to get instructions or Double click to execute the item. Select Back to Previous Menu to quit.

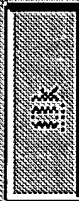
818714
08/217065

Resource Administration

File Help

Access Level: ☐ Public ☐ Organization ☐ Team

Resource Title:



Date Added:

Date Updated:

/ /

Product ID:

Media:

Cost:

Format:

Price:

Point of Contact:

Information Category:

Alternate Administrator:

Information Filename:

Bitmap >>

Repository:



Resource Description:



Remarks

Please select either New, Modify or Cancel.



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00/217065

Resource Administration

File Help

Access Level: ☐ Public ☐ IPD only ☐ Team

Resource Title:

Date Added:

Date Updated:

Product ID:

Cost:

Price:

Information Category:

Customer
Marketing
Product
Supplier
Technology
Other
Partnership

Information Filename:

Repository:

Resource Description:

Remarks

Please enter new data at this time and click on OK

OK

Cancel

Media

Format

Point of Contact

Alternate Administrator

Help

Bitmap >>

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Fig. 42

Resource Administration

File Help

Access Level: ☐ Public ☐ IPD only ☐ Team

Resource Title:

Date Added:

/ /

Product ID:

Cost:

Price:

Information Category:

Information Filename:

Product
Supplier
Technology
Other
Partnership
CORE IP
CLS-TEAM NOTES

Repository:

Resource Description:

Remarks

Please enter new data at this time and click on OK.

Ok

Cancel

New

Modify

Delete

Clear All

Help

Media:

Format:

Point of Contact:

Alternate Administrator:

Bitmap >>

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8/3/74

Fig. 43

Resource Administration

File Help

Access Level: ☐ Public ☐ IPD only ☐ Team

Resource Title:

Date Added:

 / /

Product ID:

Cost:

Price:

Information Category:

Information Filename:

Repository:

Resource Description:

Remarks:

Please enter new data at this time and click on OK

OK

Cancel

Reset

Modify

Delete

Clear All

Help

Bitmap >>

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873714

Fig. 44

Resource Administration

File Help

Access Level:
☐ Public
☐ IPD only
☐ Team

Resource Title:

Date Added:

Date Updated:

Product ID:

Media:

Cost:

Format:

Price:

Point of Contact:

Information Category:

Alternate Administrator:

Information Filename:

Bitmap >>>

Repository:

Resource Description:

Remarks

Please enter new data at this time and click on OK.

OK

Cancel

New

Modify

Delete

Clear All

Help

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FIG. 45

Resource Administration

File

Help

☐ Public

☐ IPD only

☐ Team

Access Level:

Resource Title:

Date Added:

Product ID:

Cost:

Price:

Information Category:

Information Filename:

Repository:

Resource Description:

Remarks

Filename: *.*

File size: 0

Current Directory: C:\CLINUPDATE

Dir List:

cat.ico
catatoz.ico
clnsign.obr
clnsign1.obr
cls.ini
clshelp.hlp
clsnew.zip
clsxfr.bat
clsxfr.pif

[-a-]
[-c-]
[-m-]
[-p-]
[-s-]
[.]

Edit...
OK
Cancel

Ok

Cancel

Move

Move

Delete

Clear All

Help

Please enter new data at this time and click on OK.

File Help

Access Level: ☐ Public ☐ IPD only ☐ Team

Resource Title:

Date Added:

Product ID:

Cost:

Price:

Information Category:

Information Filename:

Repository:

Resource Description:

Remarks

Filename: cls1.bmp

File size: 19318

Current Directory: C:\WINDOWS

Dir List:

clock.exe
cls.bmp
cls.ini
cls1.bmp
clsadmin.grp
clsdemo.ppt
clsdisk.doc
clsicons.bmp
clsxfr.pif

[-a-] [-c-] [-m-] [-p-] [-s-] [..]

Edit... OK Cancel

Ok Cancel

Move Move Delete Clear All

Help

Please enter new data at this time and click on OK.

Resource Administration

File Help

Access Level:
☒ Public
☐ IPD only
☐ Team

Resource Title:

CLS - Test resource for training

Date Added:

Date Updated: / /

Product ID:

Cost:

Price:

Information Category:

General

Information Filename:

\public\tab\test1.txt

Repository:

Continuous Learning System

Resource Description:

Remarks

Please enter new data at this time and click on OK.

OK

Cancel

New

Modify

Delete

Clear All

Help

On Line

Notepad

McCollum, Tab

Cowan, Vickie

C:\WINDOWS\CLS1.BM

Media:

Format:

Point of Contact:

Alternate Administrator:

Bitmap >>

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813719

Fig. 48

Resource Administration

File Help

Access Level: ☒ Public ☐ IPD only ☐ Team

Resource Title:

CLS - Test resource for training

Date Added:

Date Updated: / /

Product ID:

Cost:

Price:

Information Category:

General

Information Filename:

public\lab\test\test1.txt

Repository:

Continuous Learning System

Resource Description:

Remarks

CLS - TEST RESOURCE FOR TRAINING was successfully added to the CLS database.

Ok

Cancel

New

Modify

Delete

Clear All

Help

On-Line

Notepad

McCollum, Tab

Cowan, Vickie

C:\WINDOWS\CLS1.BM

Bitmap >>

Media:

Format:

Point of Contact:

Alternate Administrator:

08/217065

Fig. 49

File Help

Search

File Help

AND @

OR /

NOT !

Ok

Cancel

Title:

training

AND

Description:

Clear

Date:

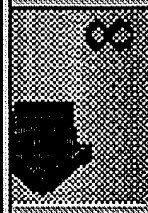
/ /

Help

dd/mm/yy

media

- Display all authorized resources by media type.



BACK TO PREVIOUS SCREEN

- Close window and return to main

Type in your search word, phrase or letters. Click on Search button and if there are any resources that match your search entry a list will be displayed or an error will be displayed. Press F1 for help.

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813 714

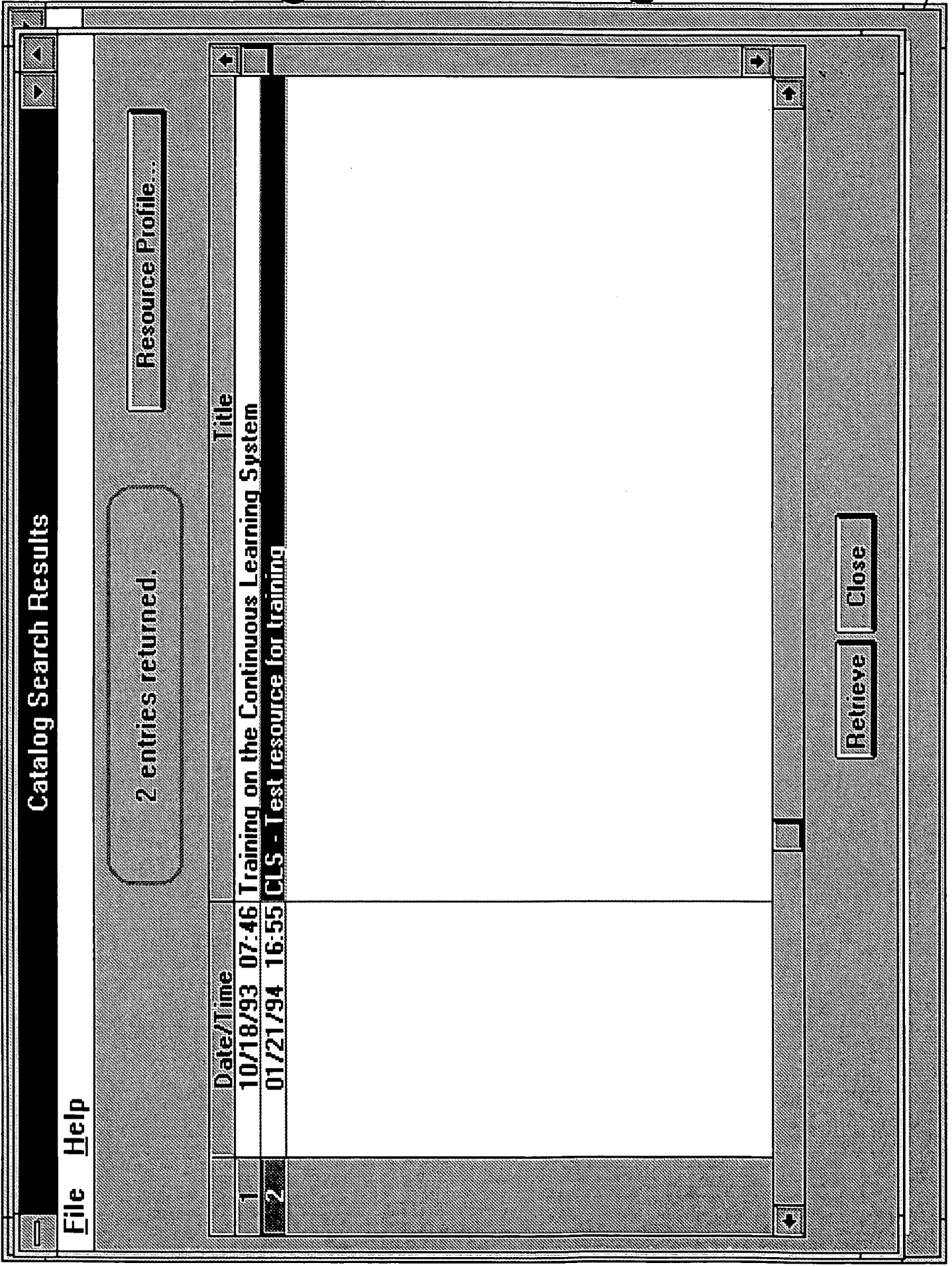


Fig. 51

CLS - Test resource for training

File Help

Contact

Tab McCollum

E-Mail

Tab.McCollum@DaytonOH.NCR.COM

Phone

(513) 445-48682

FAX

Added to resource center

21 JAN 94

Resource updated

21 JAN 94

Media Type

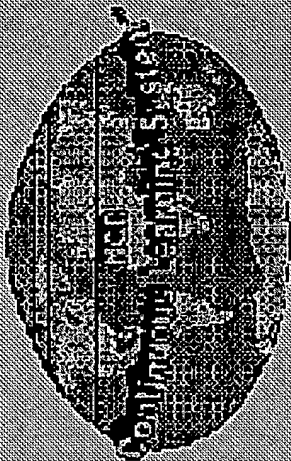
Notepad

Format

On Line

Product ID

Price



Description

Remarks

Retrieve

E-Mail

Fax

Close

08/217065 8/3714

Fig. 52

CLIS - Test resource for training

File

Help

Contact

Tab McCollum

E-Mail

Tab.McCollum@DaytonOH.NCR.COM

Phone

(513) 445-48682

FAX

Added to resource center

21 JAN 94

Resource updated

Media Type

Notes

Format

On Li

Product ID

Price

Description

Remarks

CLIS Note

?

Unable to mail request. CLS.TXT in the c:\cln\output directory has been created. Do wish to view this file ?

Yes

No

Cancel

Retrieve

E-Mail

Fax

Close

File Edit Search Help

Continuous Learning System Notification

01/21/94 05:03PM

TO: TAB MCCOLLUM

E-Mail: Tab.McCollum@DaytonOH.NCR.COM

FROM: VICKIE COWAN

E-MAIL: vickie.cowan@daytonoh.ncr.com

MAIL DROP: emd-3

PHONE:

LOCATION: dayton, OH

VICKIE COWAN would like to obtain information
on the following subject(s).

Title: CLS - TEST RESOURCE FOR TRAINING

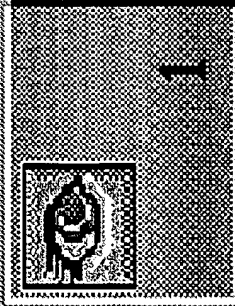
Please contact the above individual if more information is required.

End Notification.

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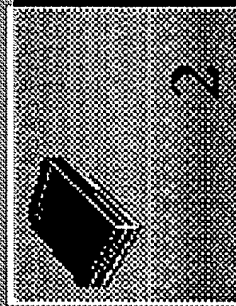
Fig. 54

Continuous Learning System



Locate and View

- Display resource names.
- Search resource names (including categories).
- Save search as interest
- Choose and receive information resource



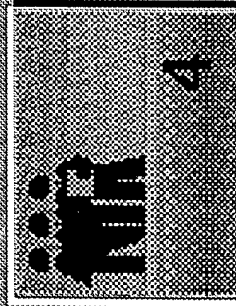
Provide or Distribute

- Add, edit or delete entries to the Resource Center.



Identify Interests

- Identify and save interests for notification.
- Review existing saved interests



Personal Information

- Review your personal profile.
- Change password.

Session Active.
Click on a button for instructions or double click to execute the button. You may also select the corresponding number to execute the desired function.

Click on flashing button or depress F8 to view notifications.

10 notification(s)

Vickie Cowan

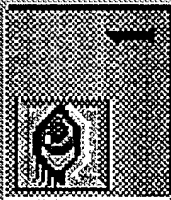
CLS Advisor

17:05:04

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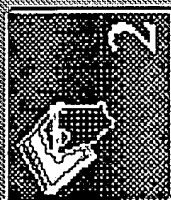
Fig. 55

Identify Interests



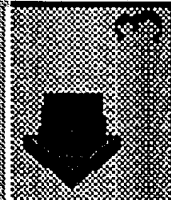
View Interest List

- Display your current interest list.



Add/Delete Interests

- Add or delete items in your interest list.



Back to Previous Screen

- Close window and return to previous menu.

Select an item to get instructions or Double click to execute the item. Select Back to Previous Menu to quit.

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Fig. 56

CLS - Identify Interests

File Help

Identify Interests

Interests Administration

File View Help

AND @ OR / NOT !

Enter phrase:

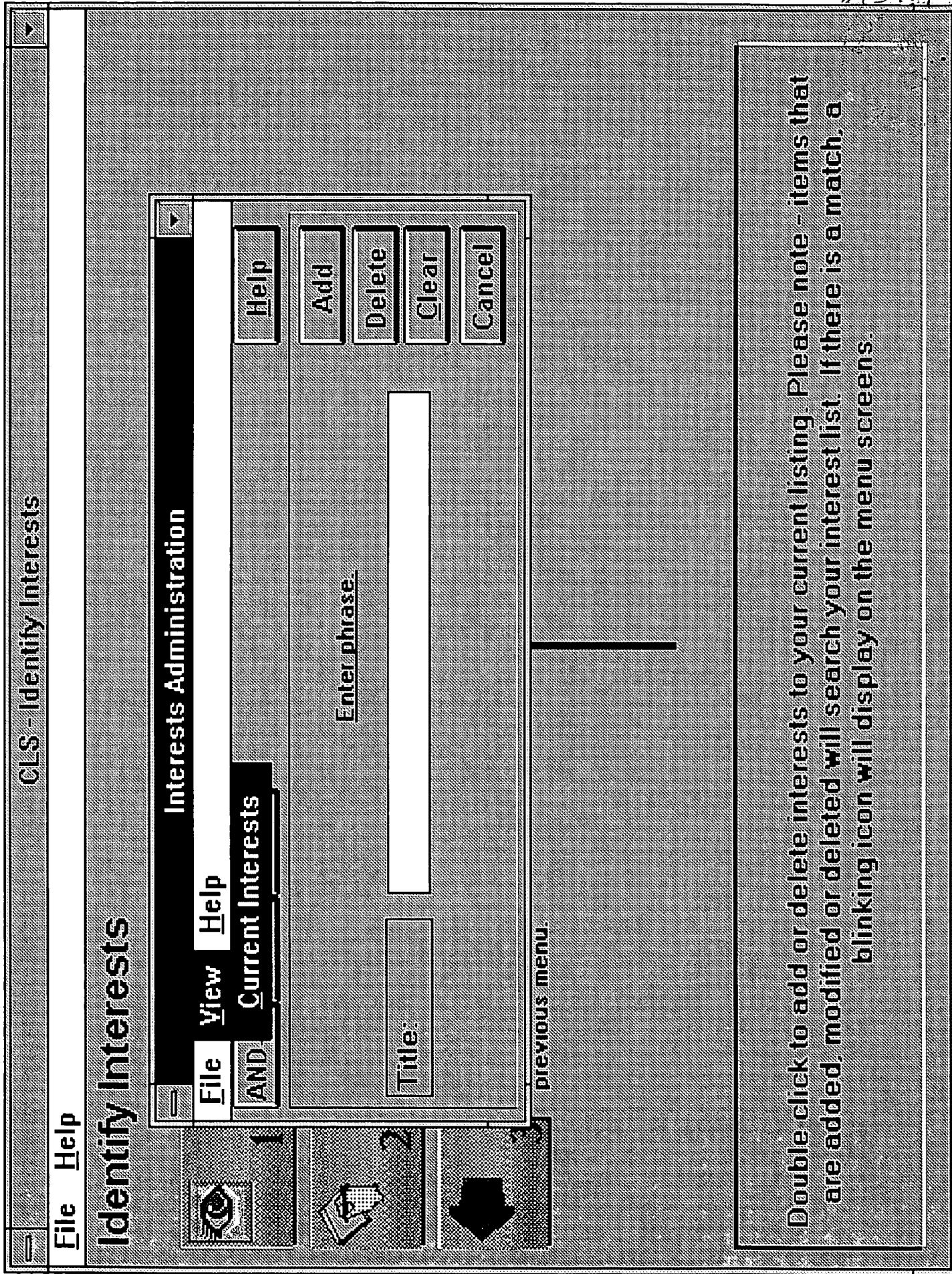
Title:

Add Delete Clear Cancel

Help

previous menu.

Double click to add or delete interests to your current listing. Please note - items that are added, modified or deleted will search your interest list. If there is a match, a blinking icon will display on the menu screens.



Double click to add or delete interests to your current listing. Please note - items that are added, modified or deleted will search your interest list. If there is a match, a blinking icon will display on the menu screens.

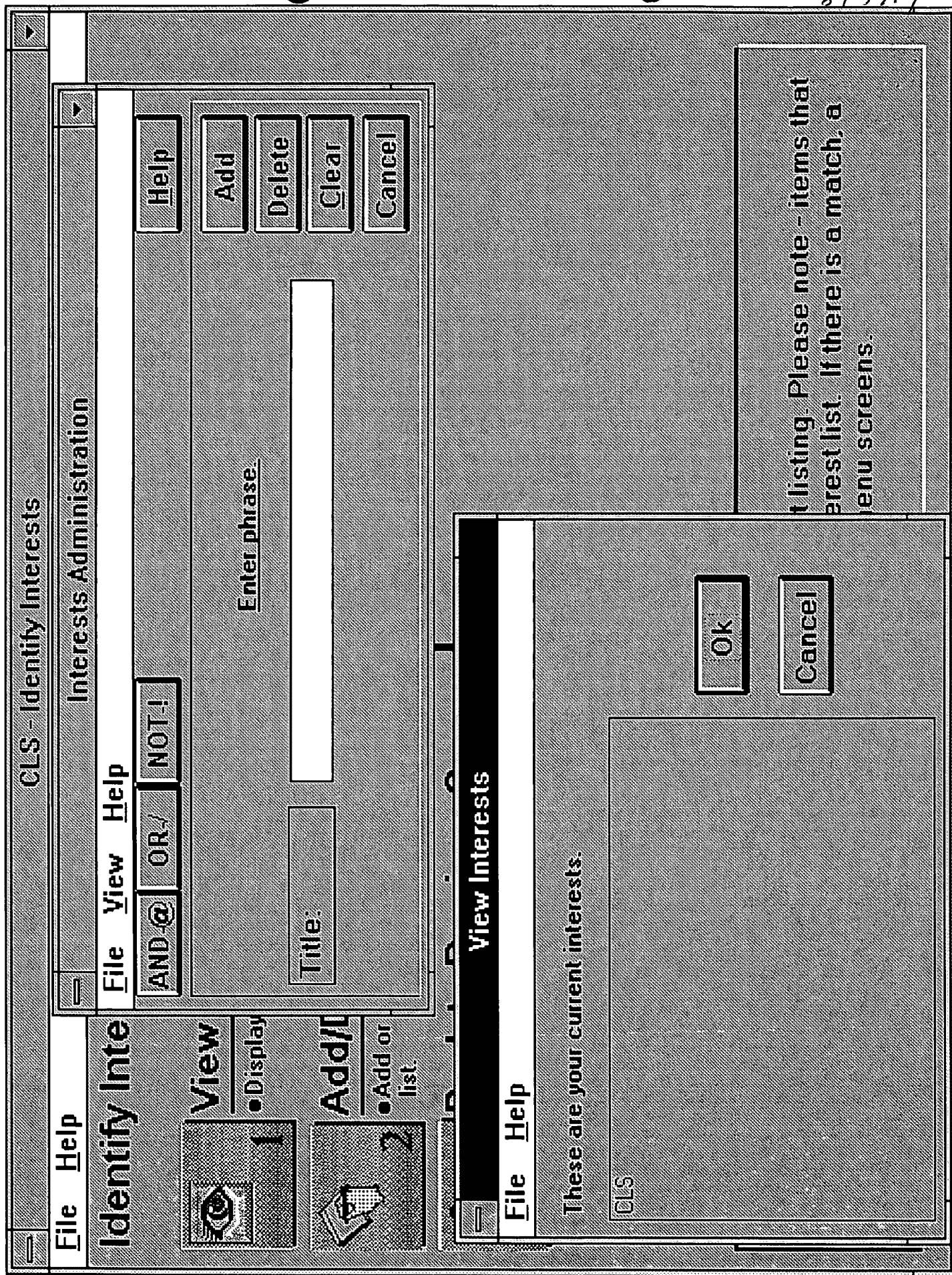
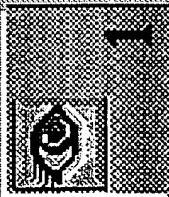


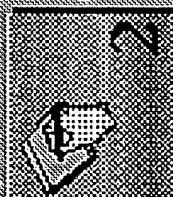
Fig. 59

Personal Information



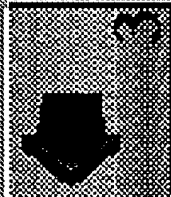
View Personal Profile

- Display your current personal profile.



Change Password

- Change your password to CLS.



Back to Previous Screen

- Close window and return to previous menu.

Select an item to get instructions or Double click to execute the item. Select Back to Previous Menu to quit.

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Fig. 60

Fig. 61



Microsoft
PowerPoint -
Presentation



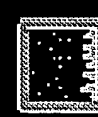
Program
Manager



NCR
Continuous
Learning



Vshield



After Dark

8/37/14
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Fig. 62

File Help

Catalog Search Results

Retain Notification ?
☒ Yes ☐ No

Resource Profile...

10 entries returned.

	Media	Date/Time	Title
1	On Line	12/01/93 20:48	CLS - Sample Log File
2	On Line	12/02/93 13:50	CLS - Pilot Plan
3	On Line	12/13/93 15:03	CLS - Overview Powerpoint Presentation
4	On Line	12/13/93 15:29	CLS - Overview Presentation
5	On Line	12/13/93 15:32	CLS - User Guide
6	On Line	01/05/94 13:38	CLS - Add New User Template
7	On Line	01/07/94 16:10	CLS - Latest version of the CLS application [pkzip]
8	On Line	01/07/94 16:13	CLS - Developer notes and new release 1.01 procedures
9	On Line	01/12/94 14:12	CLS - Parameter file for LINUS interface. [Please read des
10	On Line	01/21/94 16:55	CLS - Test resource for training

Retrieve

Close

10 notification(s)

Vickie Lowan

CLS ADVISOR


17:08:26

FileOptionsHelp

ExitAlt+F4

NCR Continuous Learning System


1



Locate and View

- Display resource names.
- Search resource names (including categories).
- Save search as interest
- Choose and receive information resource


2



Provide or Distribute

- Add, edit or delete entries to the Resource Center.


3



Identify Interests

- Identify and save interests for notification.
- Review existing saved interests

4



Personal Information

- Review your personal profile.
- Change password.

CLS Advisor

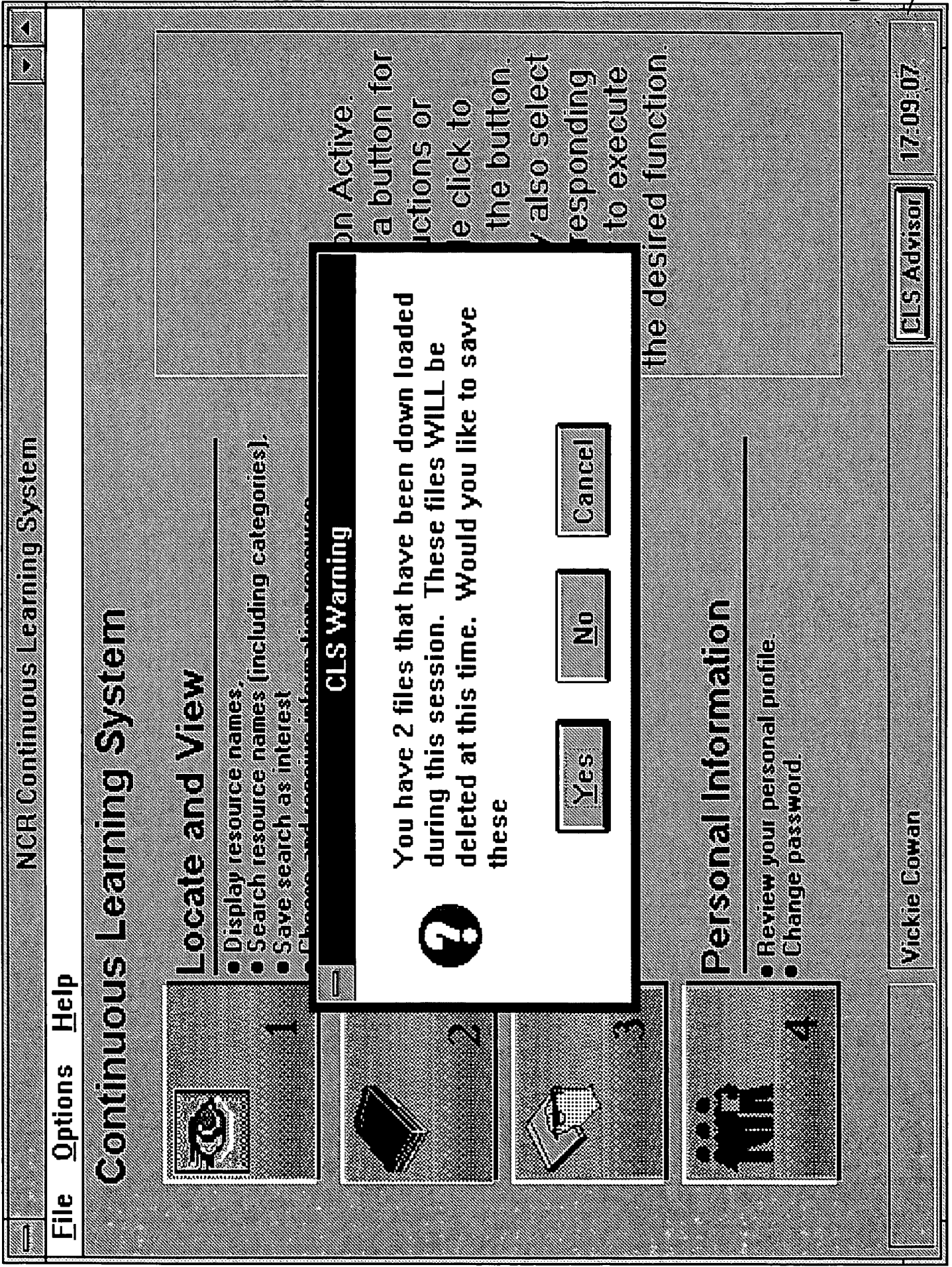
17:08:48

Vickie Cowan

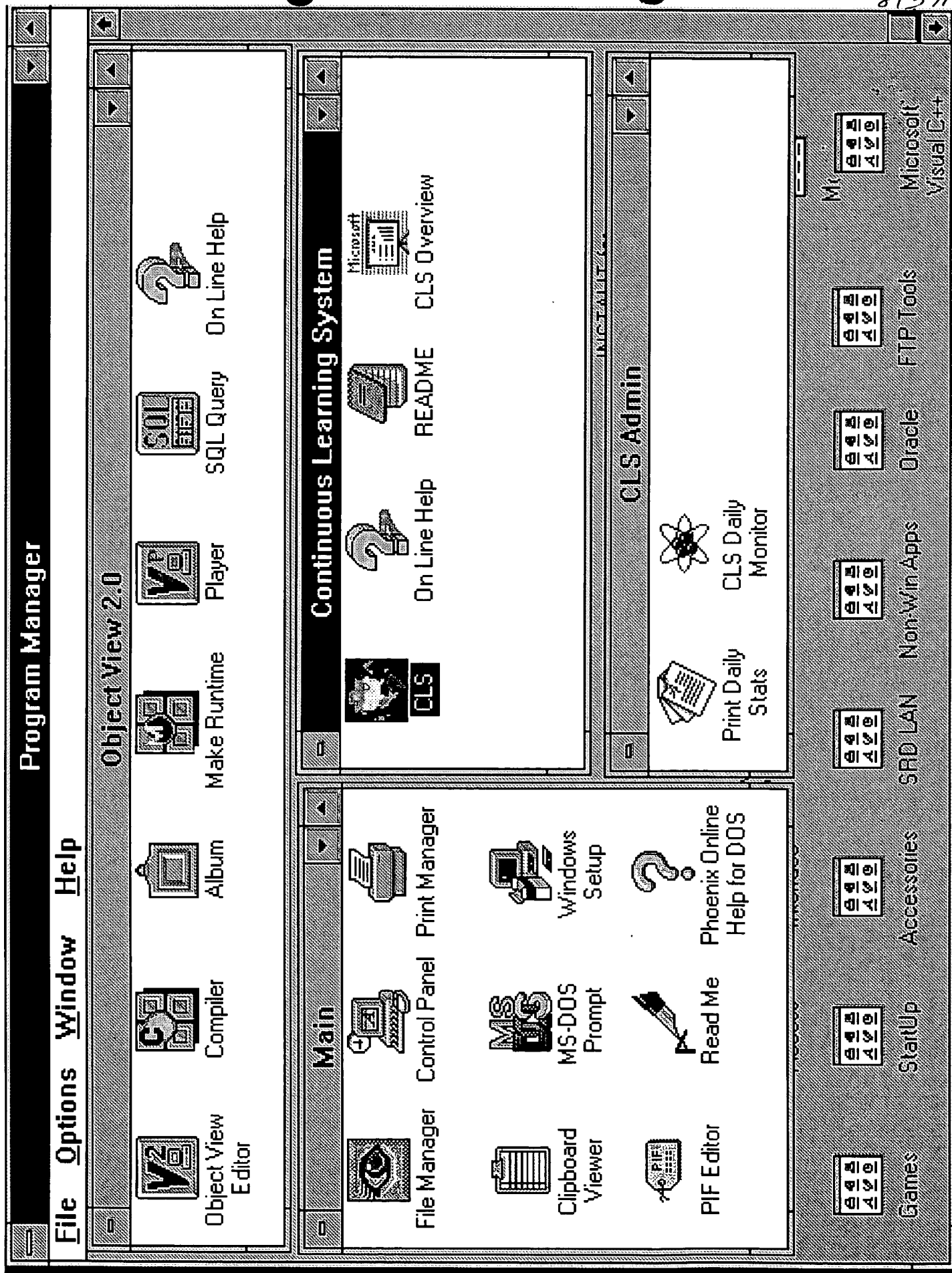
Session Active.
Click on a button for instructions or double click to execute the button.
You may also select the corresponding number to execute the desired function.

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Fig. 64



813714 217065
Fig. 65



The next few slides deal with the TEAM security of CLS.

Only Information Administrators can create, modify or

delete new teams. Once a team has been assigned to a

user , the user can assign resources to that particular team

and only those members will see the resource. We have

tried to depict a small scenario to give you a better feel

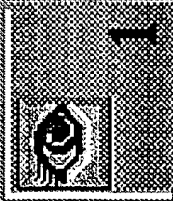
for TEAMS. An information administrator has been logged

on to show this illustration.

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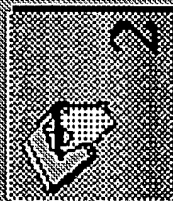
Fig. 66

Provide or Distribute



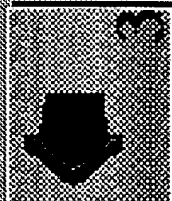
Provide

- Add, modify or delete entries to the Resource Center.



Membership

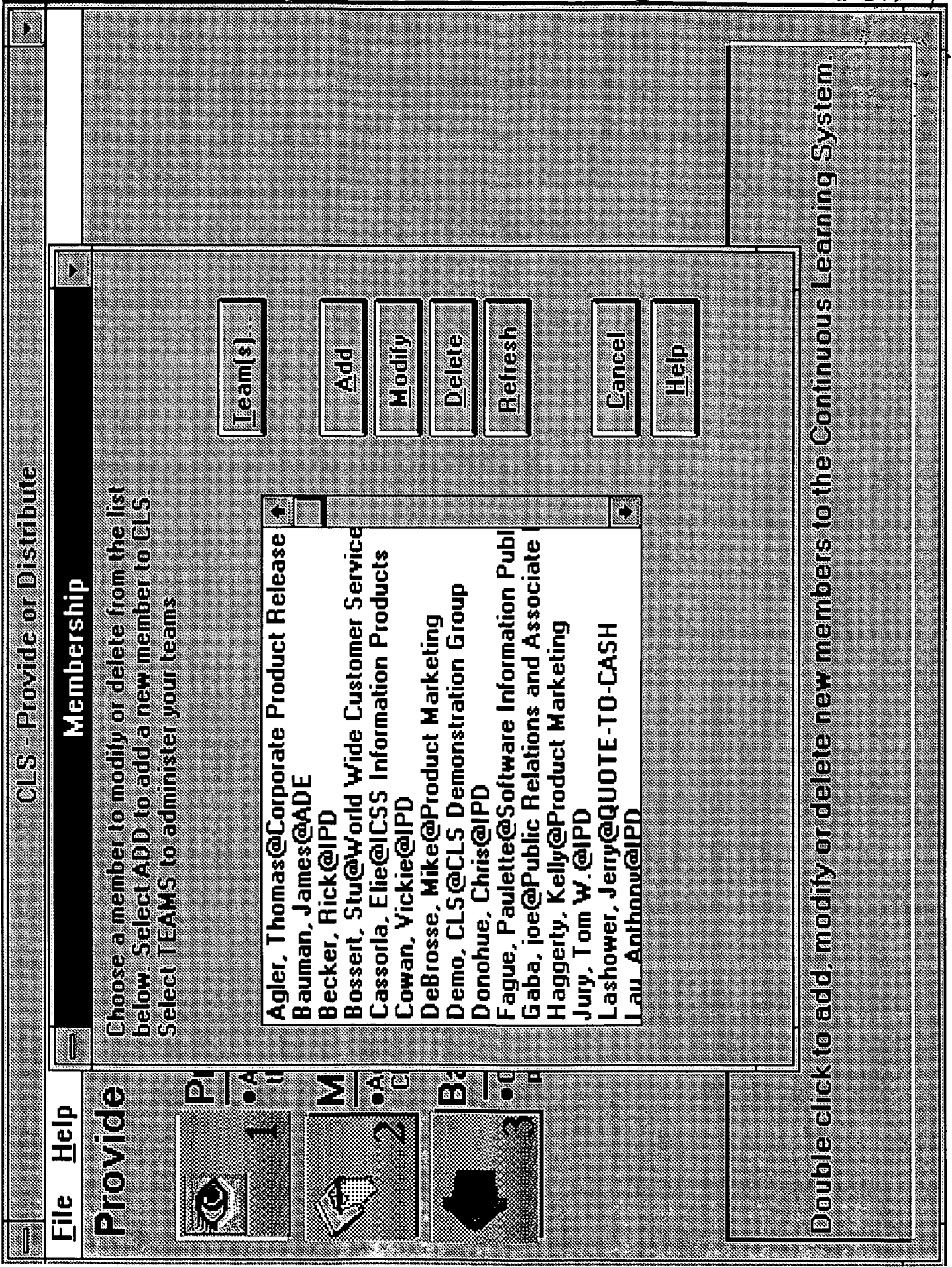
- Add, modify or delete members to CLS and teams.

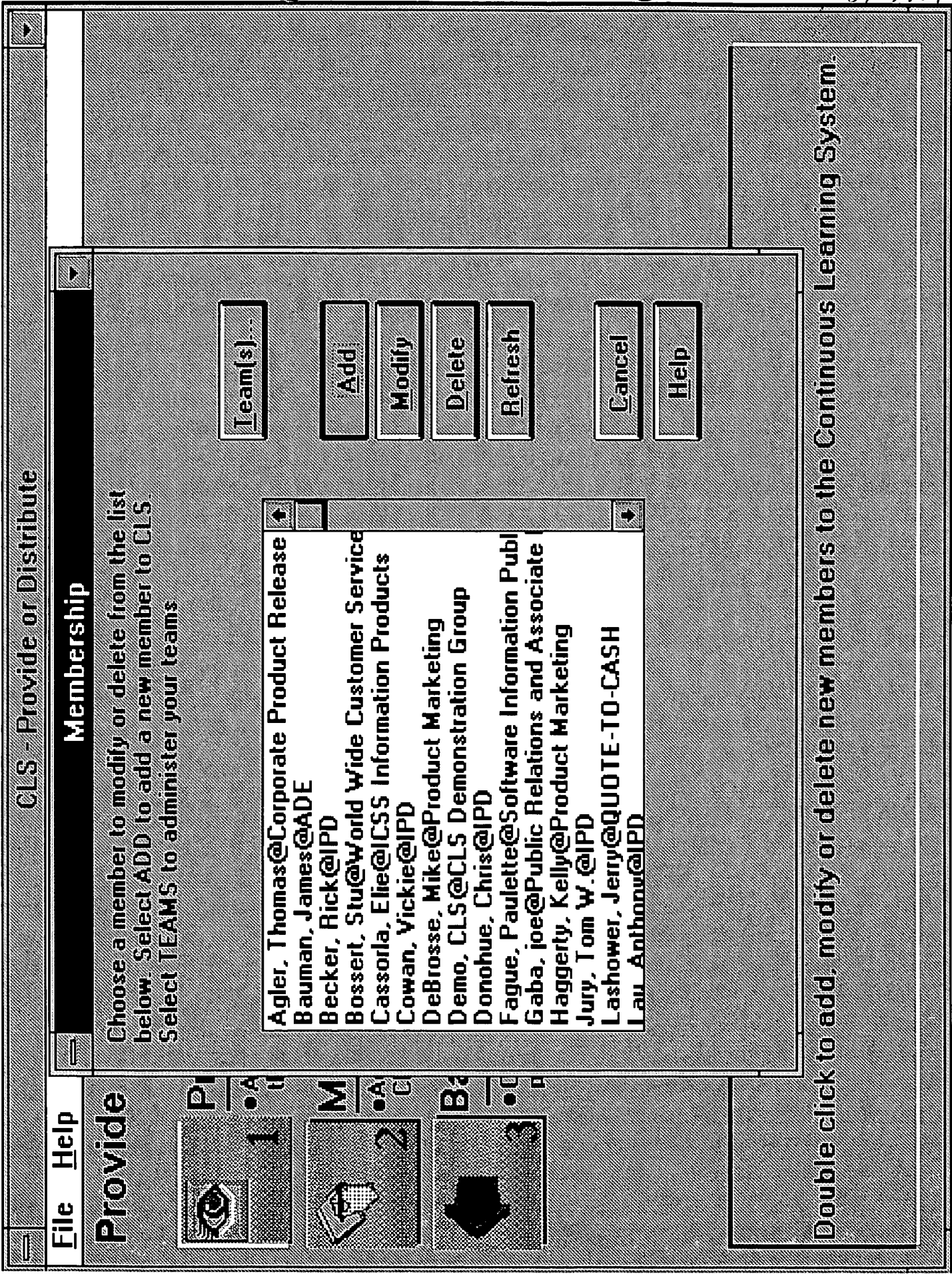


Back to Previous Screen

- Close window and return to previous menu.

Select an item to get instructions or Double click to execute the item. Select Back to Previous Menu to quit.





CLS - Provide or Distribute

CLS User Administration

User ID:
272

Last Name:

First Name:

E-MAIL Address:

Mail Drop:

City:

State:

Country:

Title:

Zip Code:

FRC Number:

ACCT Number:

Phone Number:

Date Added:

Date Updated:

Type of User:

User Environment:

CLS Login:

SIP Customer Number

Reset User Password

Help

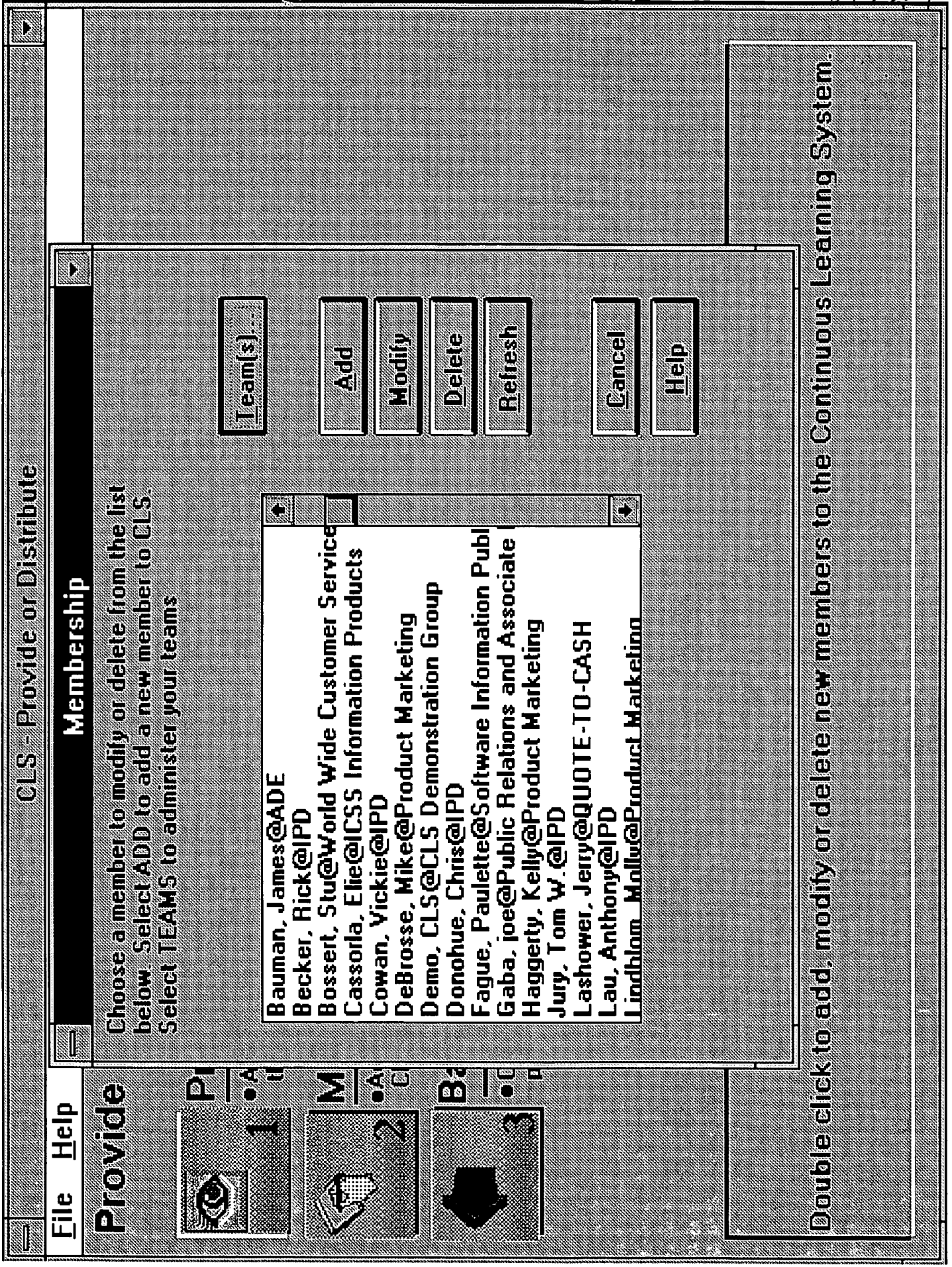
Ok

Cancel

Double click to add, modify or delete new members to the Continuous Learning System.

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217055

Fig. 70



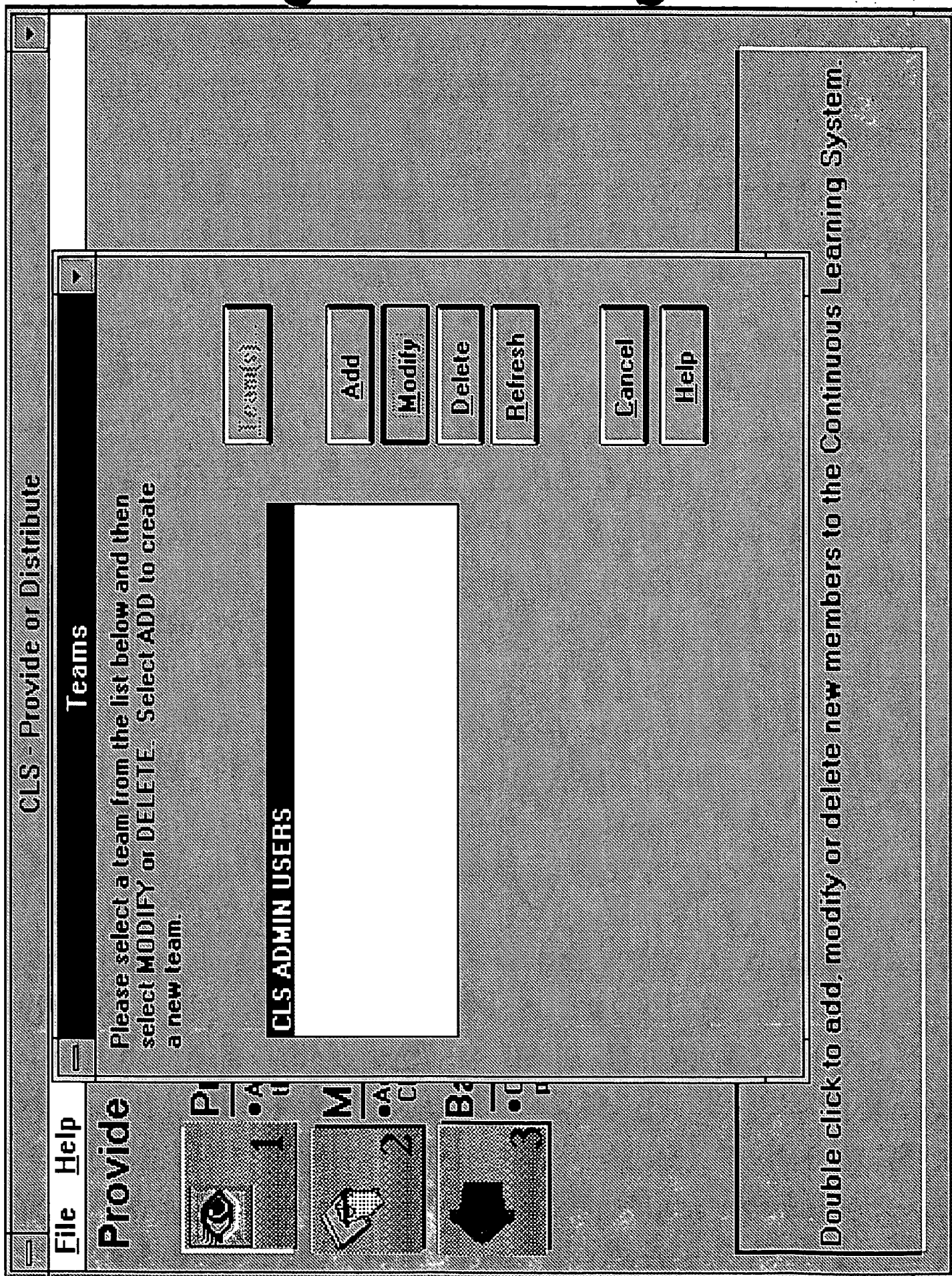
CLS - Provide or Distribute

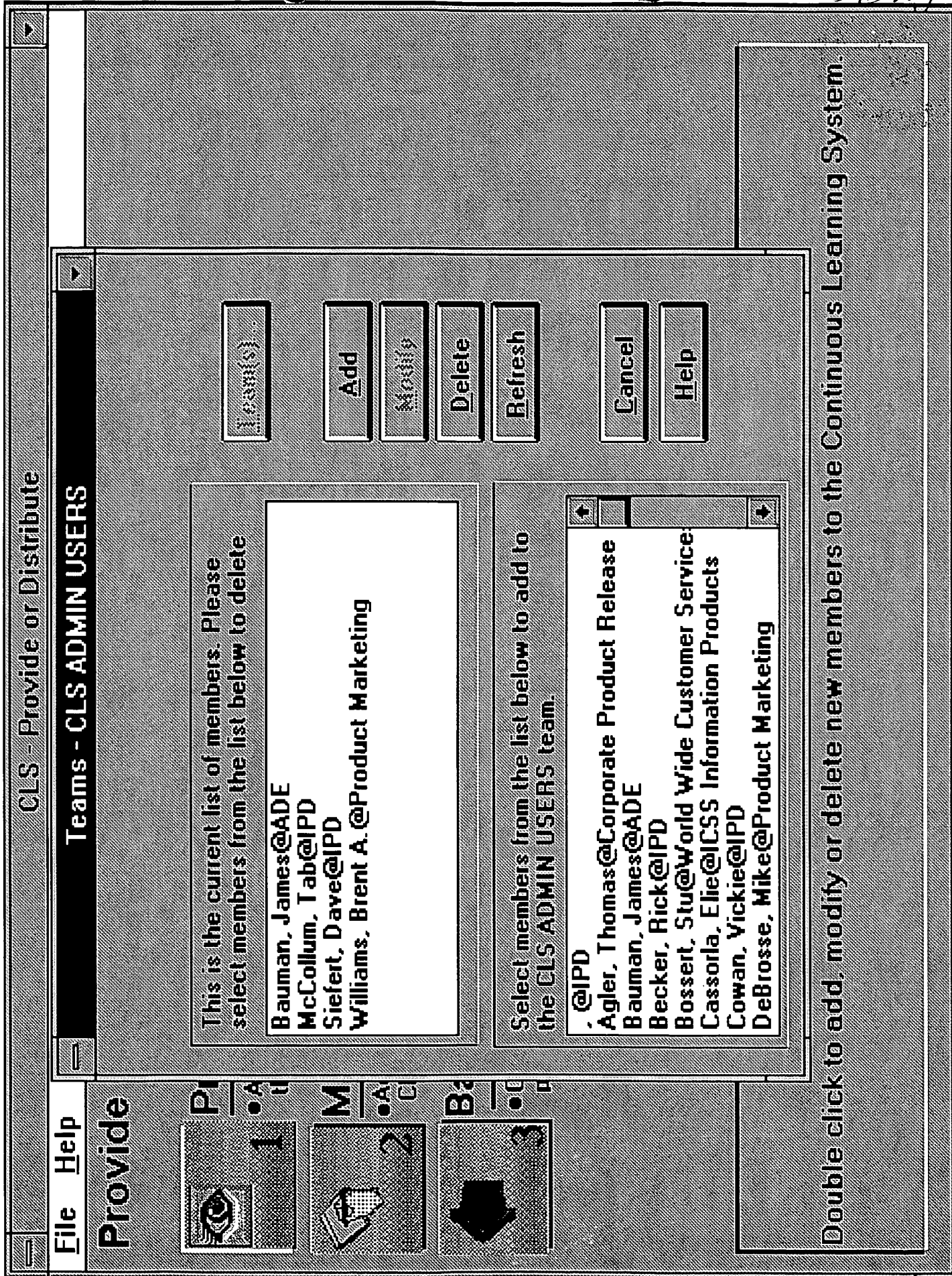
Membership

Choose a member to modify or delete from the list below. Select ADD to add a new member to CLS. Select TEAMS to administer your teams

- Bauman, James@ADE
- Becker, Rick@IPD
- Bossert, Stu@World Wide Customer Service
- Cassorla, Elie@ICSS Information Products
- Cowan, Vickie@IPD
- DeBrosse, Mike@Product Marketing
- Demo, CLS@CLS Demonstration Group
- Donohue, Chris@IPD
- Fague, Paulette@Software Information Publ
- Gaba, joe@Public Relations and Associate
- Haggerty, Kelly@Product Marketing
- Jury, Tom W. @IPD
- Lashower, Jerry@QUOTE-TO-CASH
- Lau, Anthony@IPD
- Lindblom, Molly@Product Marketing

Double click to add, modify or delete new members to the Continuous Learning System.





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Fig. 73

FileHelp

CLSProvide or Distribute

Teams - CLS ADMIN USERS

1

Provide

2

M

3

Ba

This is the current list of members. Please select members from the list below to delete

Bauman, James@ADE
McCollum, Tab@IPD
Siefert, Dave@IPD
Williams, Brent A. @Product Marketing

Select members from the list below to add to the Stevens. Jon@Public Relations and

Schoenbaechler, Joe@QUOTE-TO-CASH
Sell, Judy@Product Marketing
Siefert, Dave@IPD
Stevens, Jon@Public Relations and Associa
Terrill, Sherwin@IPD
Velotta, Chris@QUOTE-TO-CASH
Wcinski, Steven A. @IPD
Williams, Brent A. @Product Marketing

Team(s)

Add

Modify

Delete

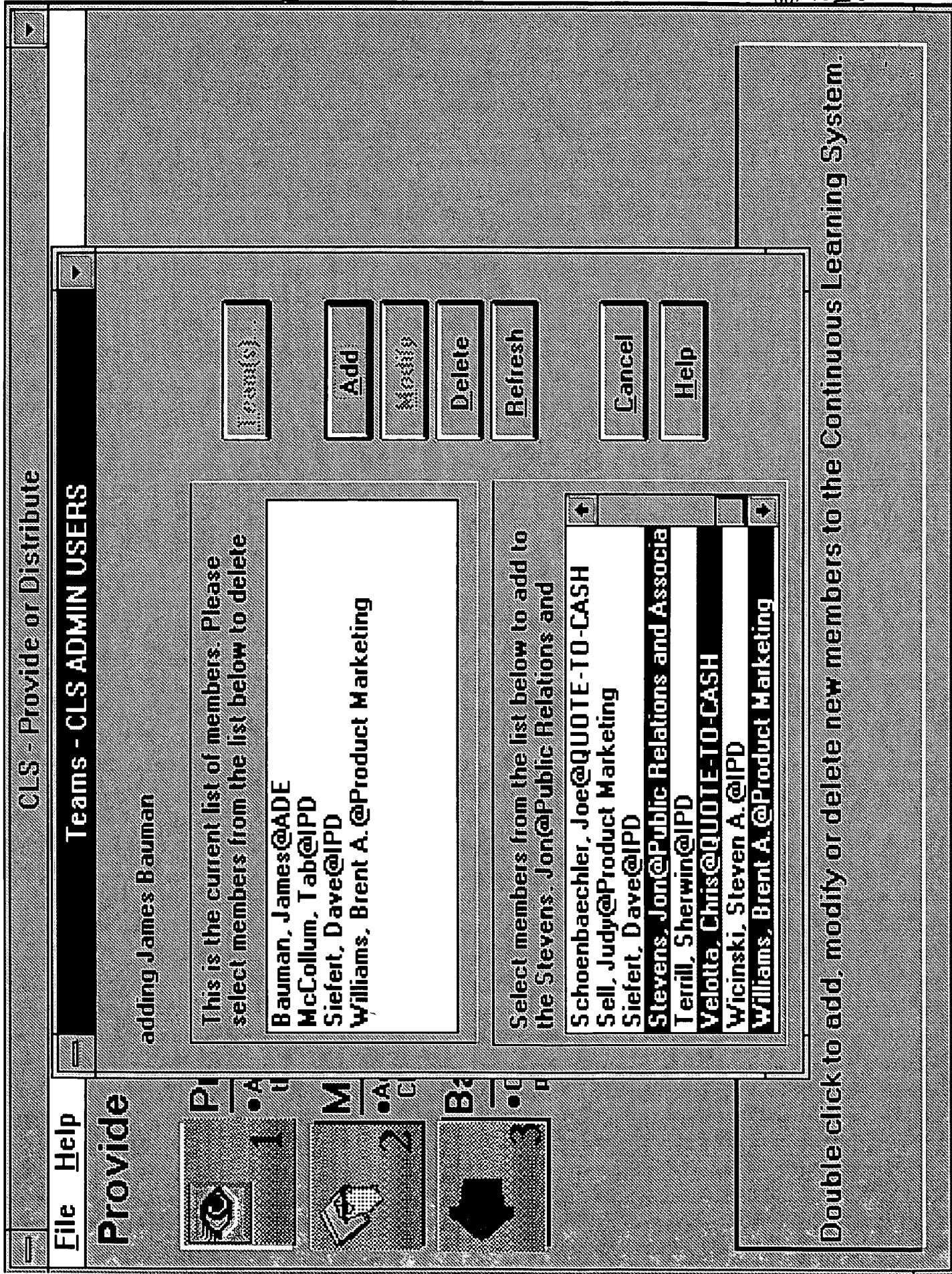
Refresh

Cancel

Help

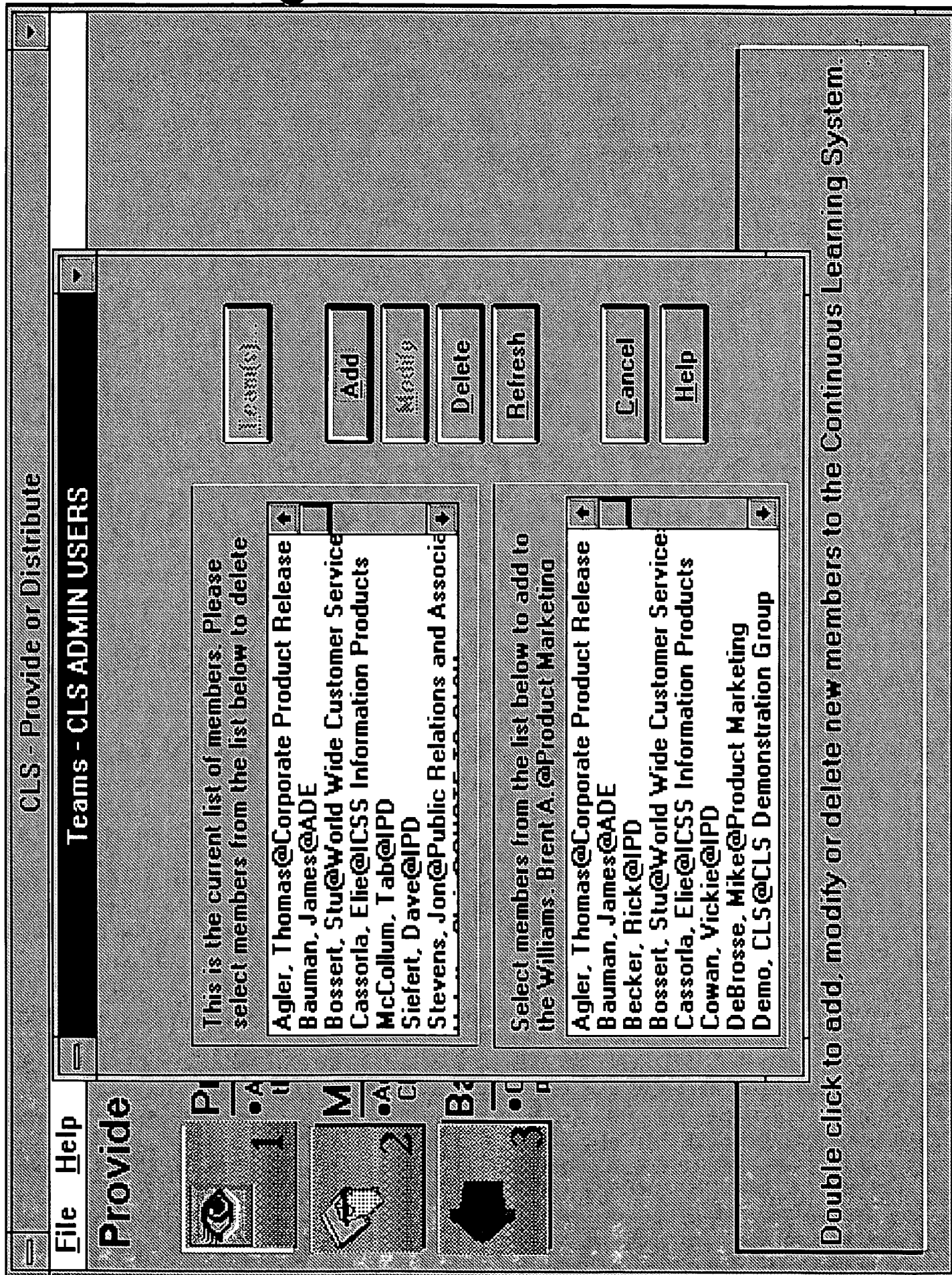
Double click to add, modify or delete new members to the Continuous Learning System.

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Fig. 74



Double click to add, modify or delete new members to the Continuous Learning System.

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Fig. 75



Resource Administration

File Help

Access Level:

☐ Public

☐ IPD only

☒ Team

CLS ADMIN USERS

CLS TEST TEAM

Resource Title:

CONFIDENTIAL REPORT ON CLS SECURITY REQUIREMENTS

Date Added:

Date Updated: / /

Product ID:

Cost:

Price:

Information Category:

General

Information Filename:

\\team\\secur.doc

Repository:

Continuous Learning System

Media:

On Line

Format:

Microsoft Word

Point of Contact:

McCollum, Tab

Alternate Administrator:

Siefert, Dave

Bitmap >>

Resource description cannot exceed 255 characters.

82

Resource Description:

This is a test resource entry to check the security validation in the TEAM concept

Remarks

Please enter new data at this time and click on OK.

OK

Cancel

New

Modify

Delete

Clear All

Help

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Fig. 77

File Help

- ☐ Public
☐ IPD only
☒ ELS ADMIN USERS

Resource Title:

CONFIDENTIAL REPORT ON ELS SECURITY REQUIREMENTS

Date Added:

Date Updated: / /

Product ID:

Cost:

Price:

Information Category:

General

Information Filename:

\\team\\secur.doc

Repository:

Continuous Learning System

Resource Description:

This is a test resource entry to check the security validation in the TEAM concept

Remarks

Please enter new data at this time and click on OK.

OK

Cancel

New

Modify

Delete

Clear All

Help

On Line

Microsoft Word

McCollum, Tab

Siefert, Dave

Media:

Format:

Point of Contact:

Alternate Administrator:

Bitmap >>

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Fig. 78

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Fig. 79

File Help

Catalog Search Results

Resource Profile...

21 entries returned.

	Media	Date/Time	Title
6	On Line	10/28/93 14:29	CLS - Distinct offers 3-in-1 TCP/IP SDK.
7	On Line	11/05/93 13:38	CLS - SQL NET for Windows Procedures
8	On Line	11/11/93 13:22	CLS - CLS Project Plan
9	On Line	11/12/93 14:48	CLS - Roles and Responsibilities as determined on 12 Aug 3
10	On Line	11/16/93 08:24	CLS - New CLS application for pilot test in France.
11	On Line	12/01/93 20:48	CLS - Sample Log File
12	On Line	12/02/93 13:50	CLS - Pilot Plan
13	On Line	12/13/93 15:03	CLS - Overview Powerpoint Presentation
14	On Line	12/13/93 15:29	CLS - Overview Presentation
15	On Line	12/13/93 15:32	CLS - User Guide
16	On Line	01/05/94 13:38	CLS - Add New User Template
17	On Line	01/07/94 16:10	CLS - Latest version of the CLS application (pkzip)
18	On Line	01/07/94 16:13	CLS - Developer notes and new release 1.01 procedures
19	On Line	01/12/94 14:12	CLS - Parameter file for LINUS interface. [Please read des
20	On Line	01/21/94 16:55	CLS - Test resource for training
21	On Line	01/24/94 13:39	CONFIDENTIAL REPORT ON CLS SECURITY REQUIREME

Retrieve Close

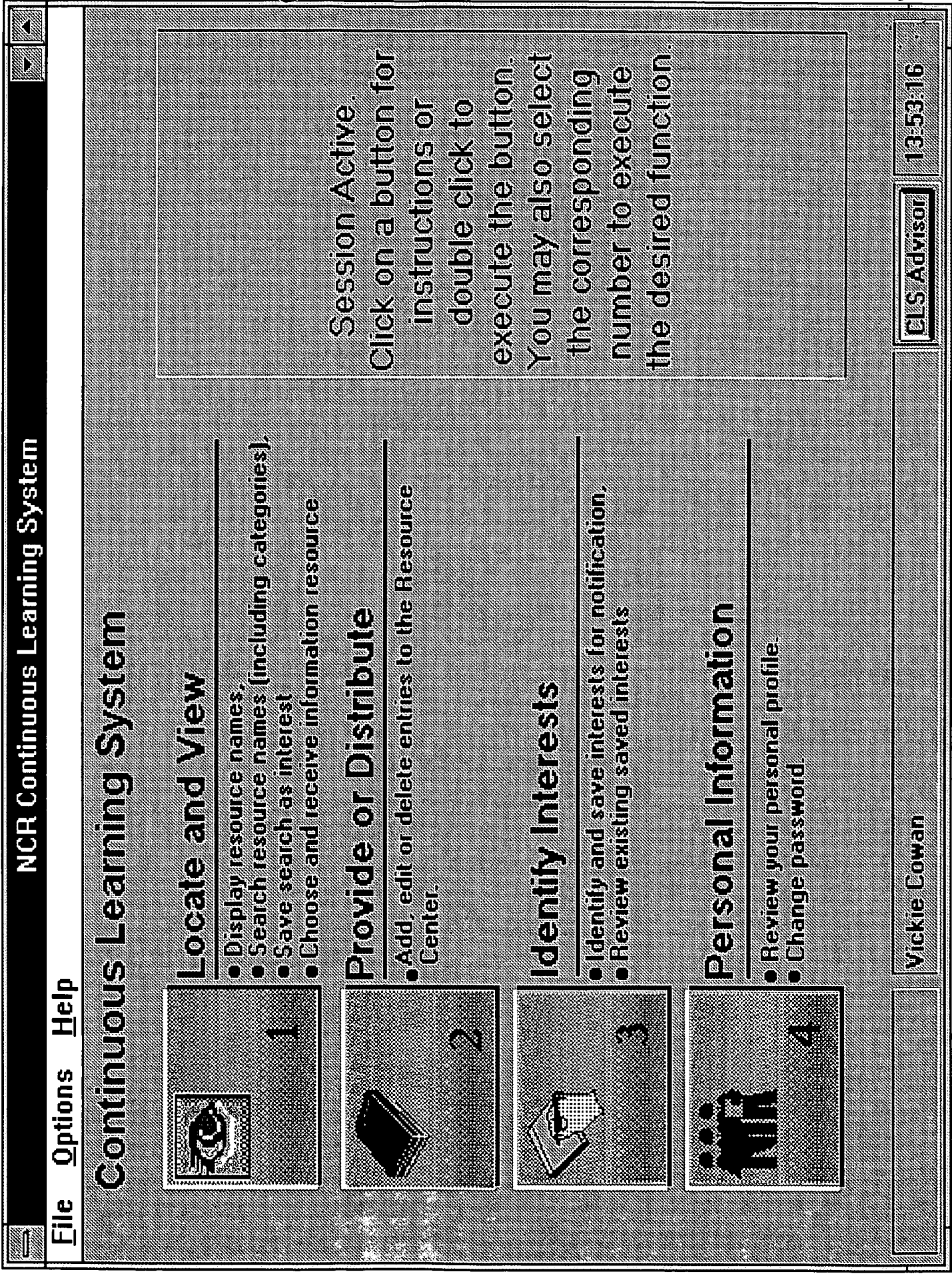
Next few slides show another user named VCOWAN logged in who is not assigned to the CLS ADMIN USERS team to show that the new resource can only be seen by those persons selected earlier.

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Fig. 80

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Fig. 81



NCR Continuous Learning System

File Options Help

Continuous Learning System

Locate and View

- Display resource names.
- Search resource names (including categories).
- Save search as interest
- Choose and receive information resource

Provide or Distribute

- Add, edit or delete entries to the Resource Center.

Identify Interests

- Identify and save interests for notification.
- Review existing saved interests

Personal Information

- Review your personal profile.
- Change password.

Session Active.
Click on a button for instructions or double click to execute the button.
You may also select the corresponding number to execute the desired function.

CLS Advisor

13:53:16

Vickie Cowan

CLS - Locate and View

File Help

Search

AND@

OR

NOT!

Title:

cls

AND

Description:

ON

Date:

//

dd/mm/yy

4

media

Display all authorized resources by media type.

8

BACK TO PREVIOUS SCREEN

Close window and return to main

Ok

Cancel

Clear

Help

Type in your search word, phrase or letters. Click on Search button and if there are any resources that match your search entry a list will be displayed or an error will be displayed. Press F1 for help.

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 FIG. 83

Catalog Search Results

File Help

18 entries returned.

Resource Profile...

	Media	Date/Time	Title
1	On Line	10/18/93 07:46	CLS - Status Report dated 5 Aug 93 CLS developers comm
2	On Line	10/18/93 07:46	CLS - Untangling the Windows Sockets API - a standardize
3	On Line	10/18/93 07:46	CLS - Sample windows source code for windows Socket AP
4	Other	10/18/93 09:51	Test of NCR user providing information to the CLS
5	On Line	10/20/93 17:00	CLS- PKUNZIP for CLS application
6	On Line	10/28/93 14:29	CLS - Distinct offers 3-in-1 TCP/IP SDK.
7	On Line	11/05/93 13:38	CLS - SQL NET for Windows Procedures
8	On Line	11/12/93 14:48	CLS - Roles and Responsibilities as determined on 12 Aug 3
9	On Line	12/01/93 20:48	CLS - Sample Log File
10	On Line	12/02/93 13:50	CLS - Pilot Plan
11	On Line	12/13/93 15:03	CLS - Overview Powerpoint Presentation
12	On Line	12/13/93 15:29	CLS - Overview Presentation
13	On Line	12/13/93 15:32	CLS - User Guide
14	On Line	01/05/94 13:38	CLS - Add New User Template
15	On Line	01/07/94 16:10	CLS - Latest version of the CLS application (pkzip)
16	On Line	01/07/94 16:13	CLS - Developer notes and new release 1.01 procedures
17	On Line	01/12/94 14:12	CLS - Parameter file for LINUS interface. (Please read des
18	On Line	01/21/94 16:55	CLS - Test resource for training

Retrieve Close

From screen
"Logon"

From screens
"Locate & View"
"Provide or Distribute"
"Identify Interests"
"Personal Information"

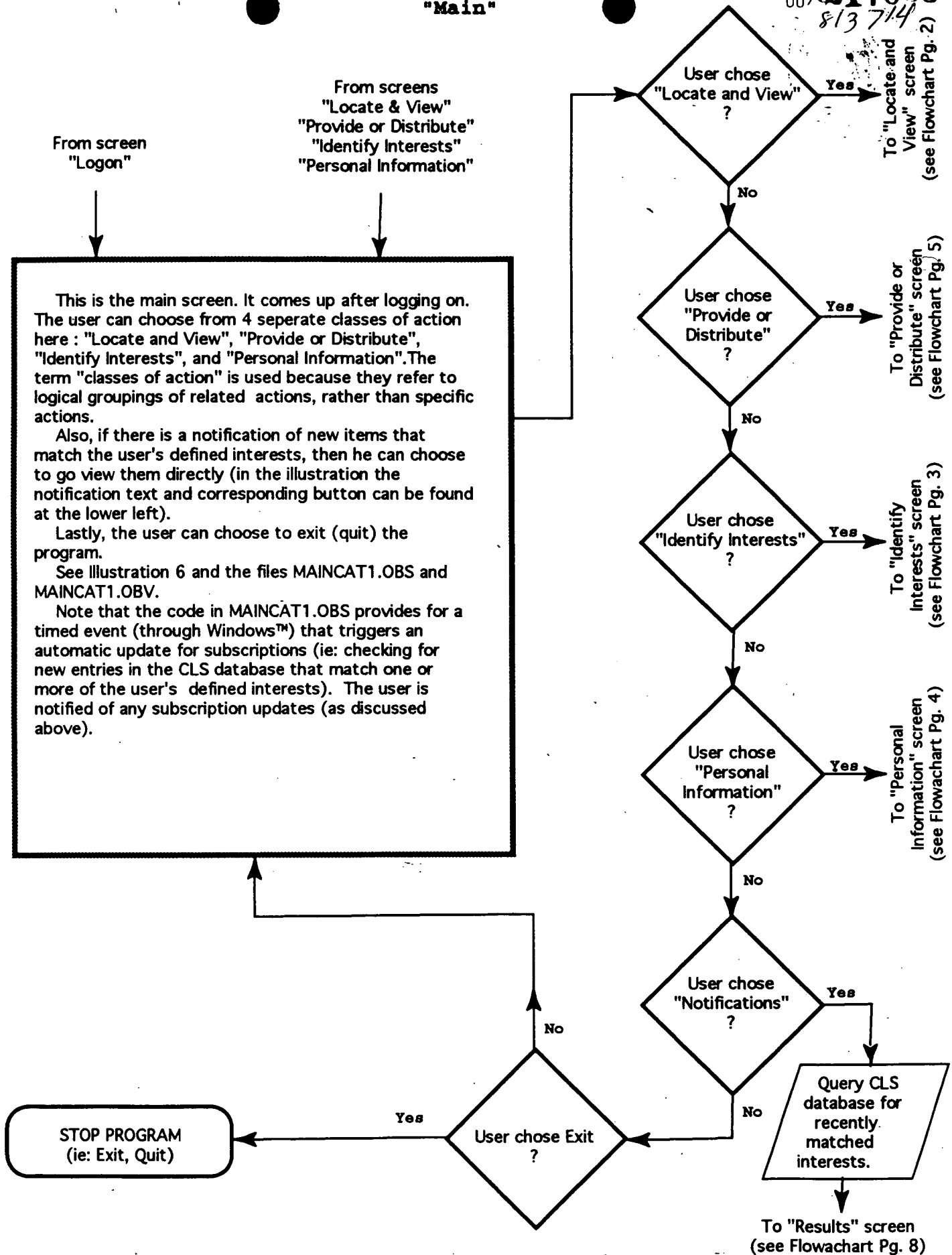
This is the main screen. It comes up after logging on. The user can choose from 4 separate classes of action here : "Locate and View", "Provide or Distribute", "Identify Interests", and "Personal Information". The term "classes of action" is used because they refer to logical groupings of related actions, rather than specific actions.

Also, if there is a notification of new items that match the user's defined interests, then he can choose to go view them directly (in the illustration the notification text and corresponding button can be found at the lower left).

Lastly, the user can choose to exit (quit) the program.

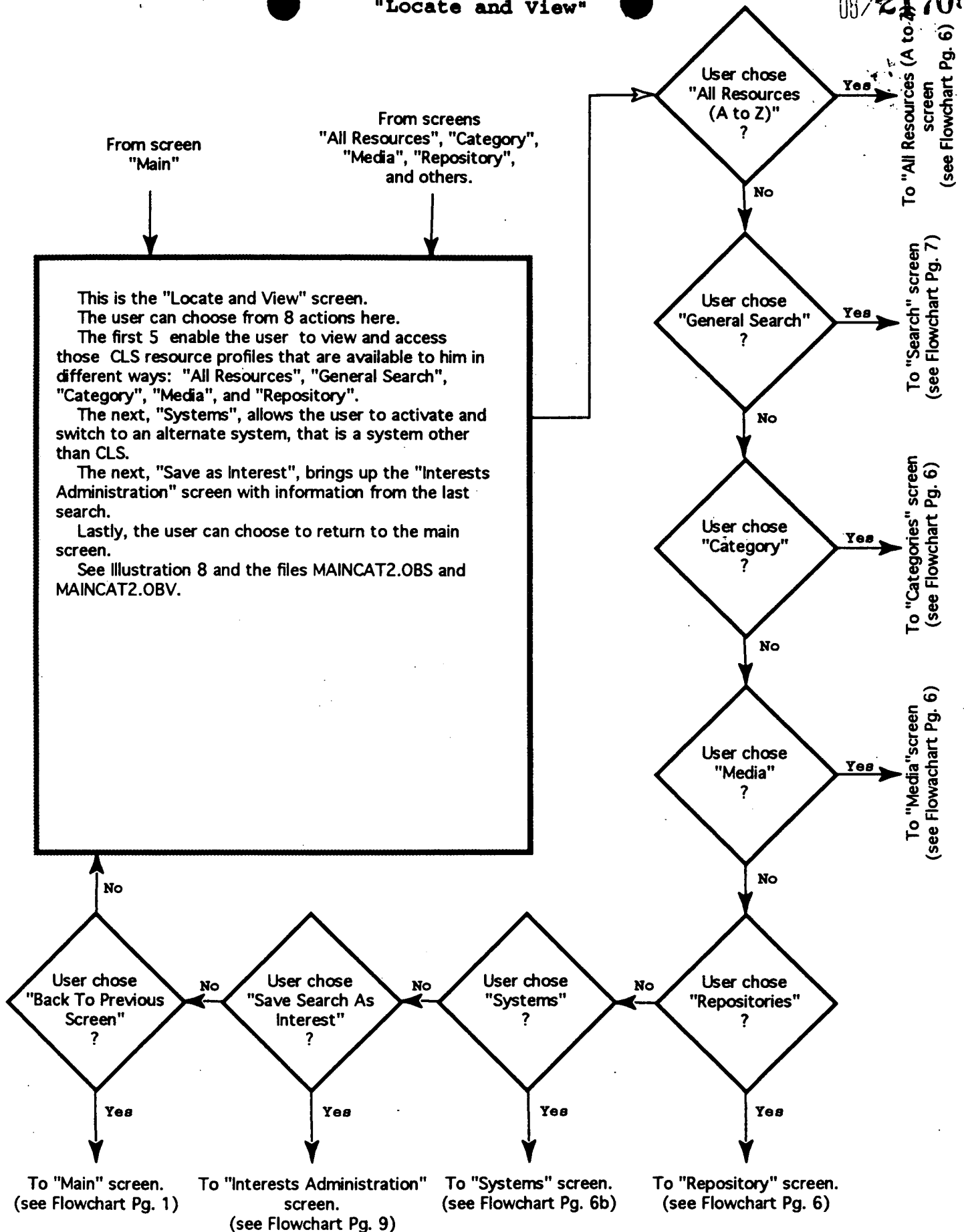
See Illustration 6 and the files MAINCAT1.OBS and MAINCAT1.OBV.

Note that the code in MAINCAT1.OBS provides for a timed event (through Windows™) that triggers an automatic update for subscriptions (ie: checking for new entries in the CLS database that match one or more of the user's defined interests). The user is notified of any subscription updates (as discussed above).

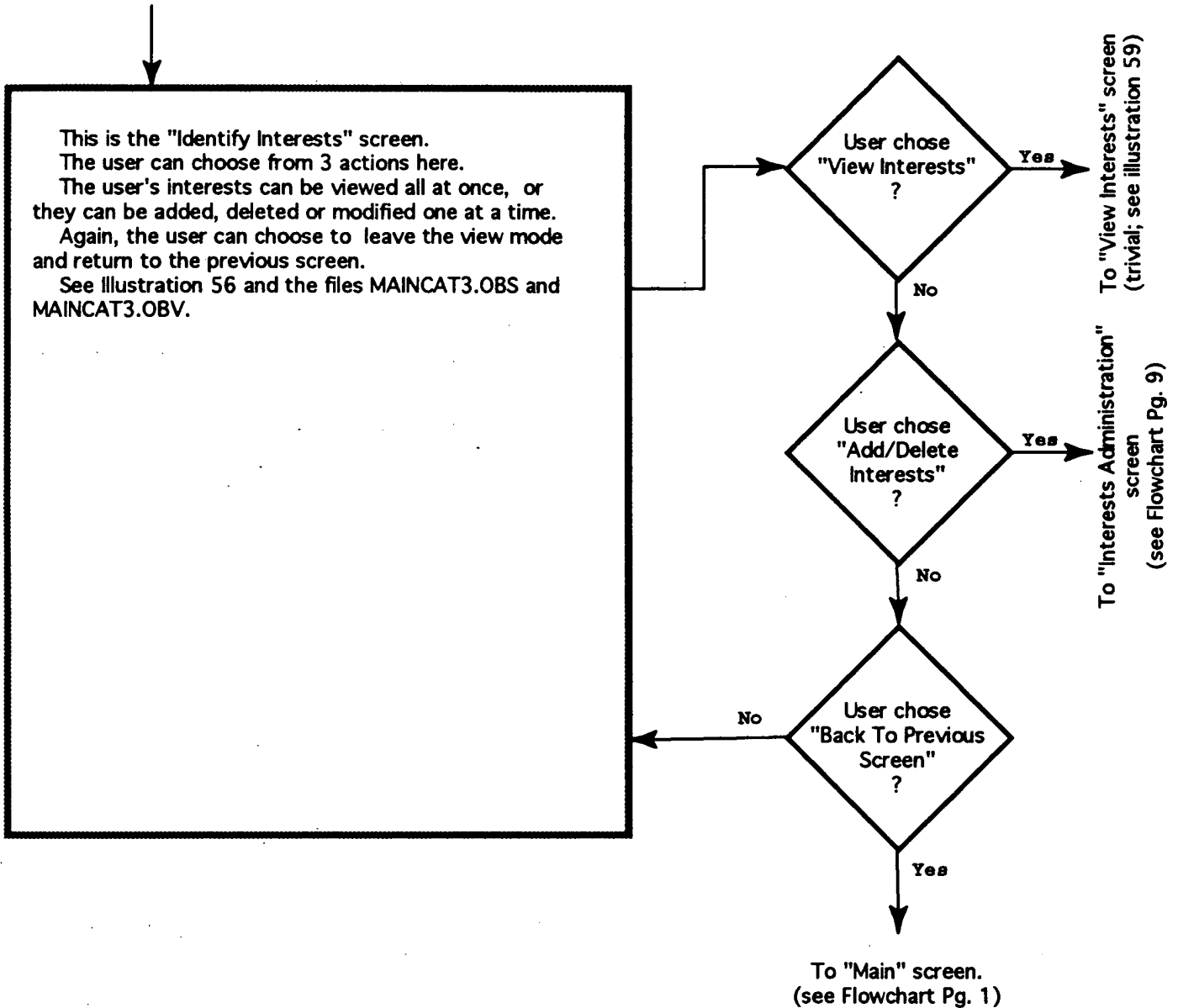


"Locate and View"

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From screen
"Main"

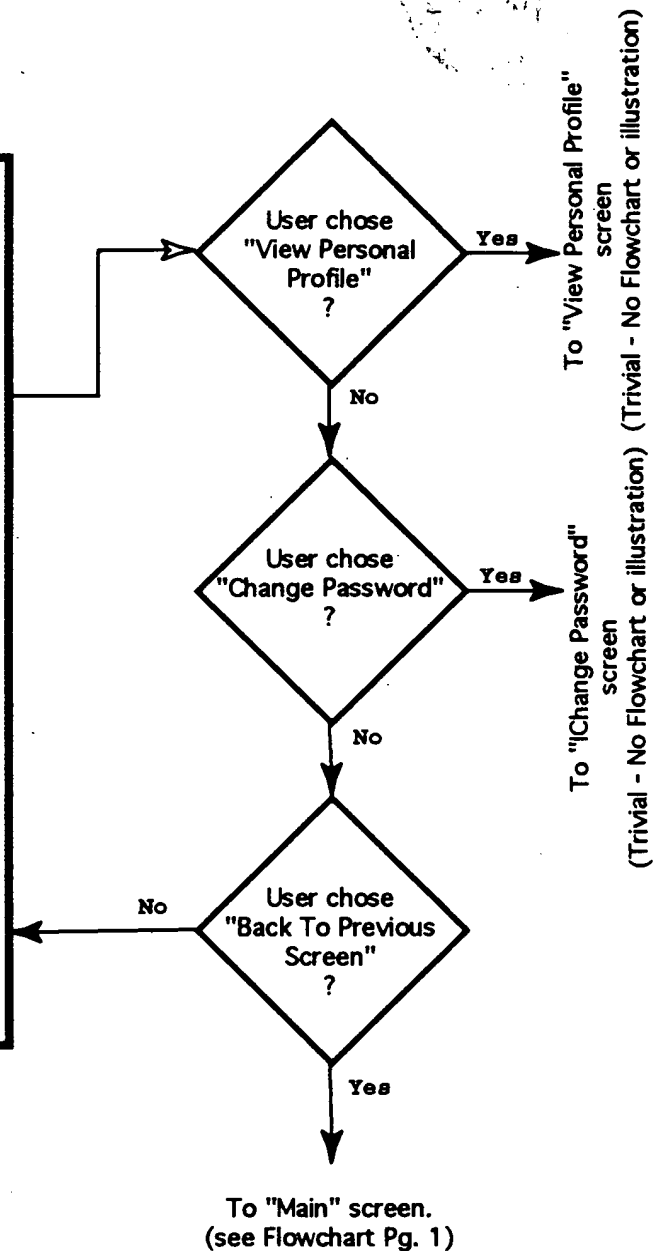


From screen
"Main"

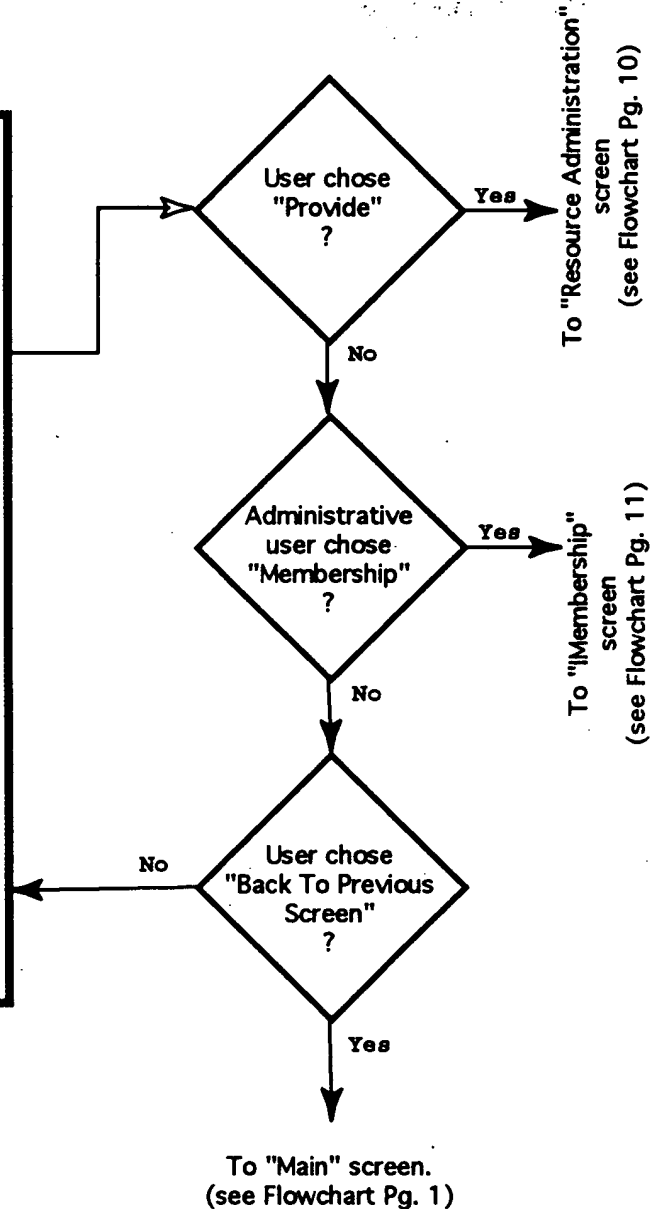
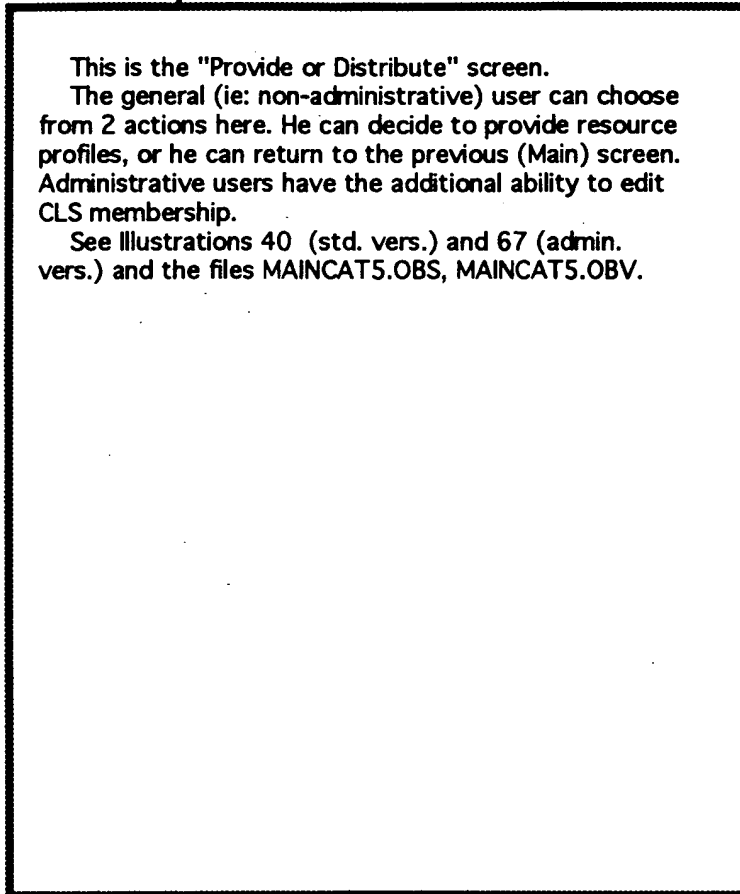


This is the "Personal Information" screen.
The user can choose from 3 actions here. The user's personal profile can be viewed, the user's password can be changed, or the user can return to the previous (ie: "Main") screen. Note that the first two are trivial screens and no flowcharts are given.

See Illustration 60 and the files MAINCAT4.OBS, MAINCAT4.OBV, USER2.OBS (for viewing personal profile), USER2.OBV, PWDCHG.OBS (for changing passwords), and PWDCHG.OBV.



From screen
"Main"



From screen
"Locate and View"
(see Flowchart Pg. 2)

Query database for list of items
appropriate to screen (all resources by
title, all categories, media types, or
repositories).

This screen, with only minor variations, takes care of 4 of the 5 ways to view available CLS profiles. Since the screens share almost identical logic and visuals there is only one flowchart.

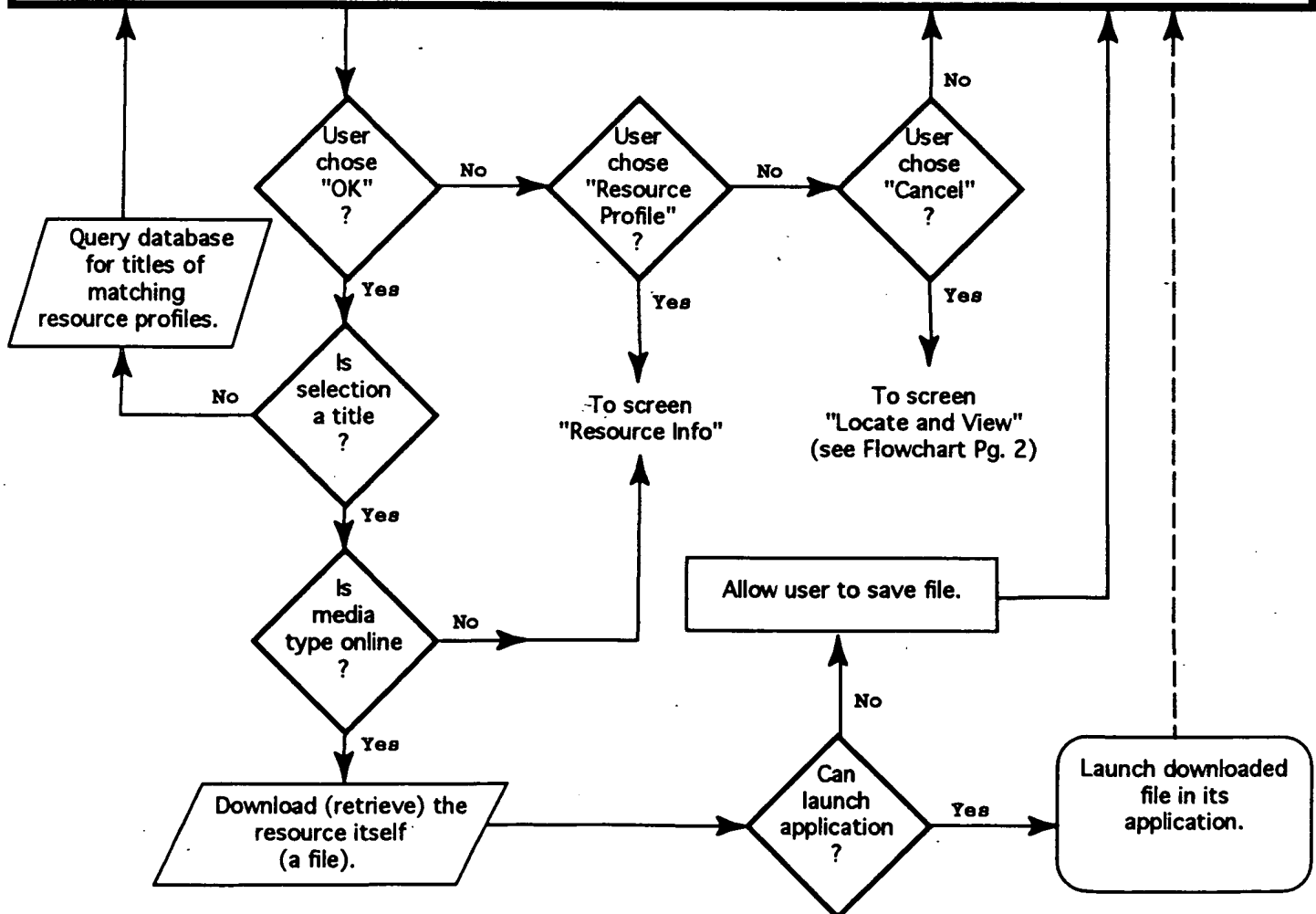
Resource profiles contain many items of information (see illustration 41), some of these are critical and are required (ie: if they are not provided, then the profile will not be accepted).

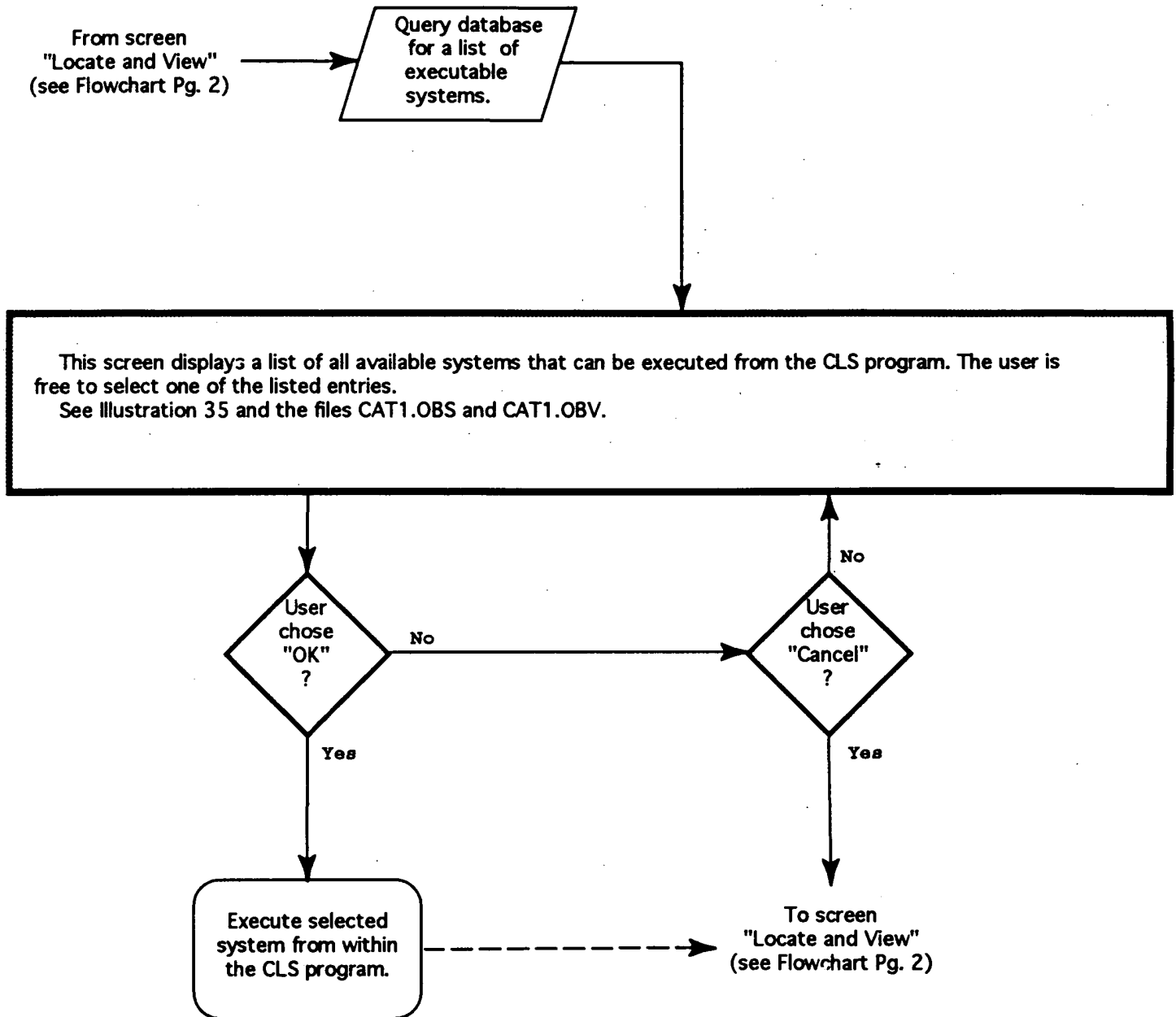
The resource title, information category, media type, and repository (an extra label) are required and form the basis for the variations in this screen. The basic idea is to display a list of all the possible values for one of these key fields, from which the user selects one, then all available profiles with matching values in that field can be made accessible using this same screen and displaying their titles.

Specifically, the "Media" screen displays a list of all available media types, the "Category" screen a list of all available categories, "Repositories" a list of all available repositories, and "All Resources (A to Z)" a list of all available titles. The user is free to select one of the listed entries. Then a list of all titles which have a matching entry in that key field are displayed. Thereafter, selecting a title initiates a download (retrieval) of the file or its profile.

"All Resources (A to Z)" is a special case. A selection is a resource title - which fully specifies a unique resource - so choosing "OK" will directly attempt to retrieve the resource itself, as opposed to listing all resource profiles with matching titles, since there would only be one.

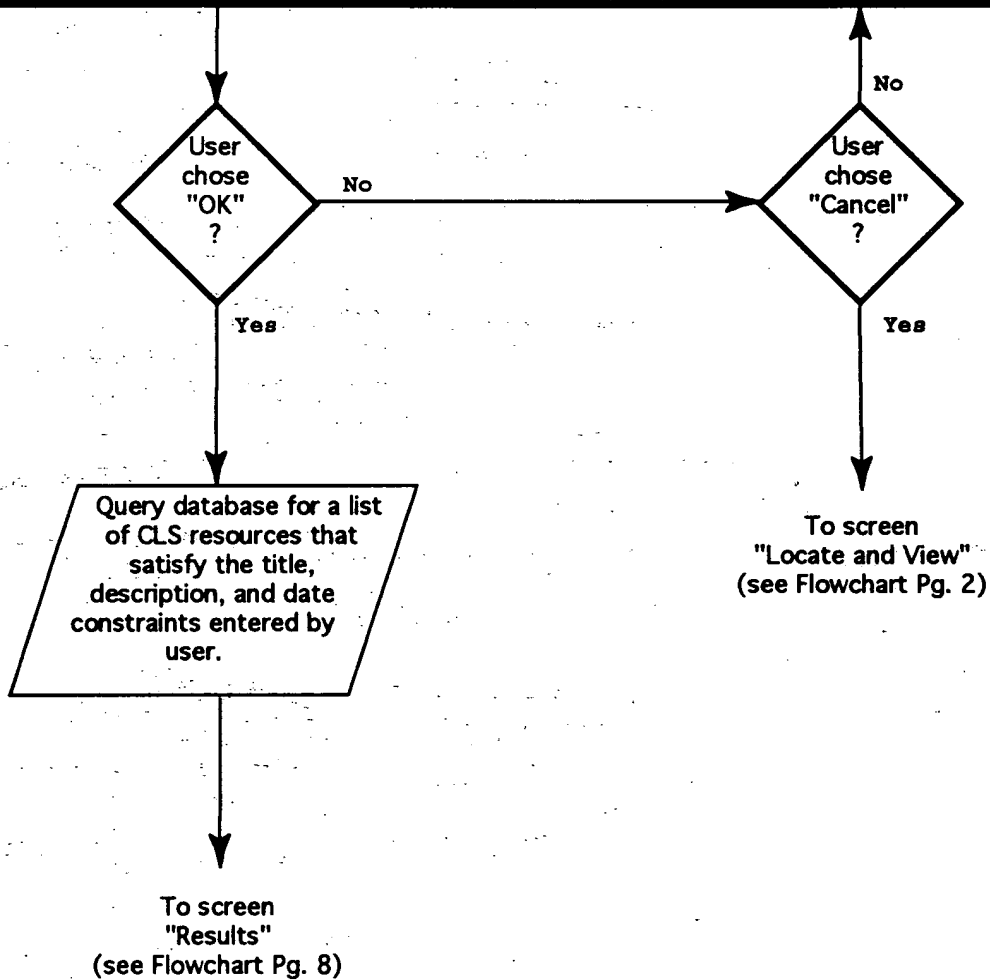
See Illustrations 19, 20, 27, 28, 30 & 31 and the files CAT1.OBS, CAT1.OBV, and RESULTS.OBS (esp. the subroutine "cataloginfo()").





From screen
"Locate and View"
(see Flowchart Pg. 2)

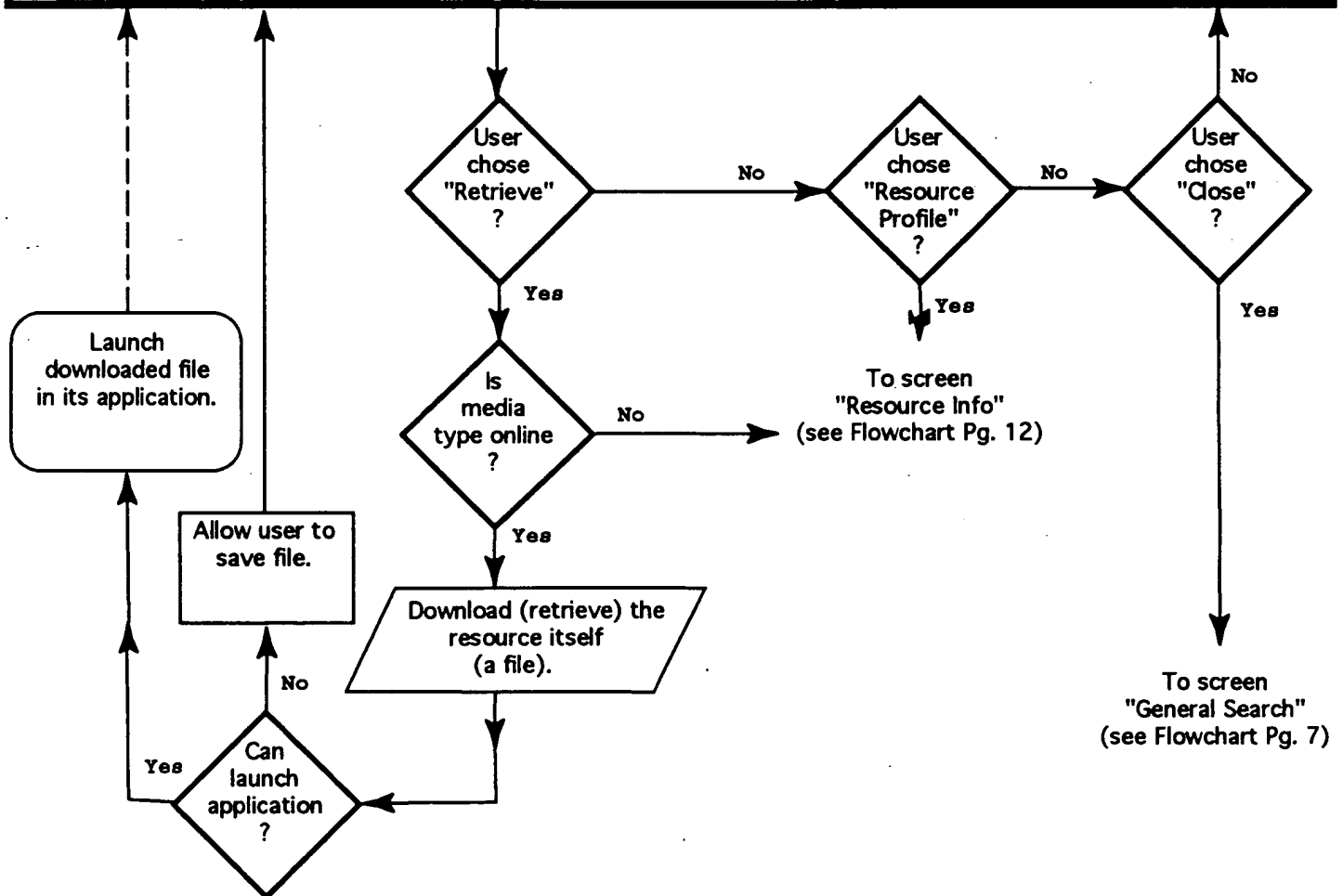
This screen manages user-entry of logical search criteria for the title, description, and date. These are used to find CLS resources whose own title, description, and date match.
See Illustration 16 and the files SRCHNEW.OBS and SRCHNEW.OBV.



From screen
"General Search"
(see Flowchart Pg. 7)

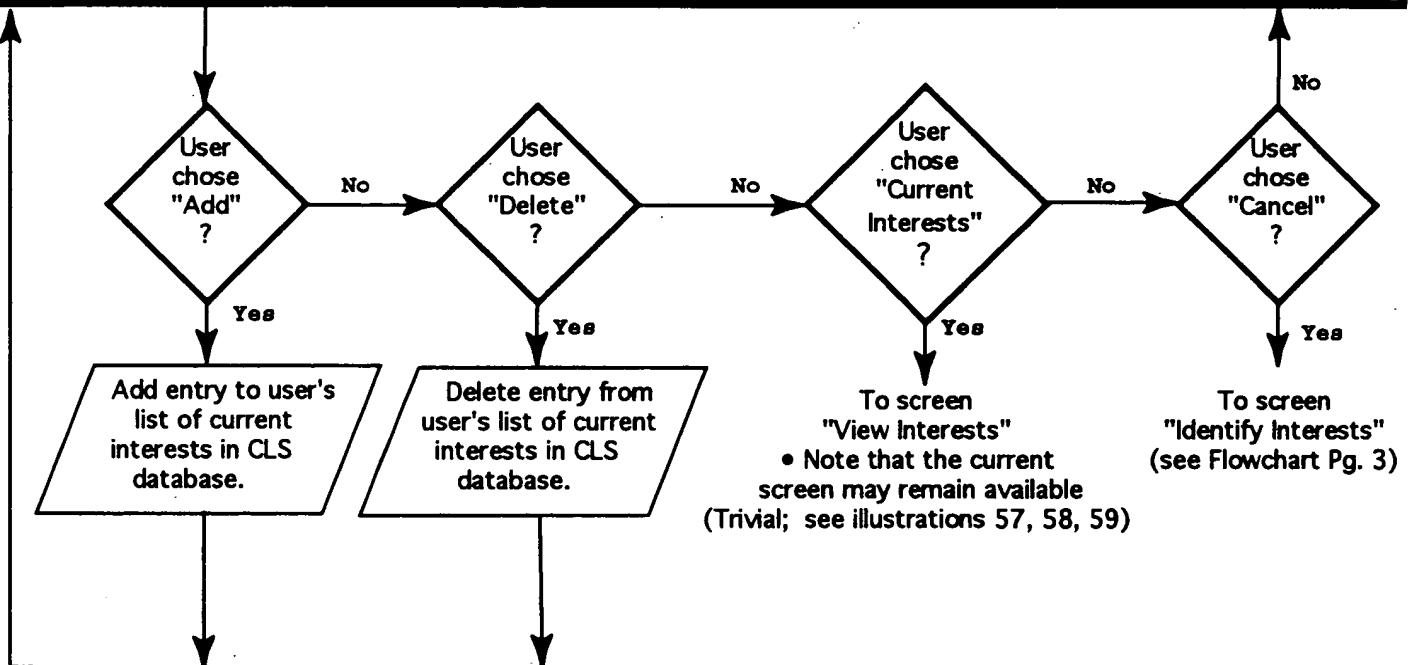
This screen displays a list of resources returned from a query of the CLS database. The user can select a CLS resource from the list and then download it or get its resource profile. Retrieving (ie: downloading) the file will automatically be followed by a launch of the program corresponding to the file, if possible, otherwise CLS will offer the user an opportunity to save the file for future reference.

See Illustrations 11 and the files RESULTS.OBV and RESULTS.OBS (esp. the subroutine "cataloginfo()").



From screen
"Identify Interests"
(see Flowchart Pg. 3)

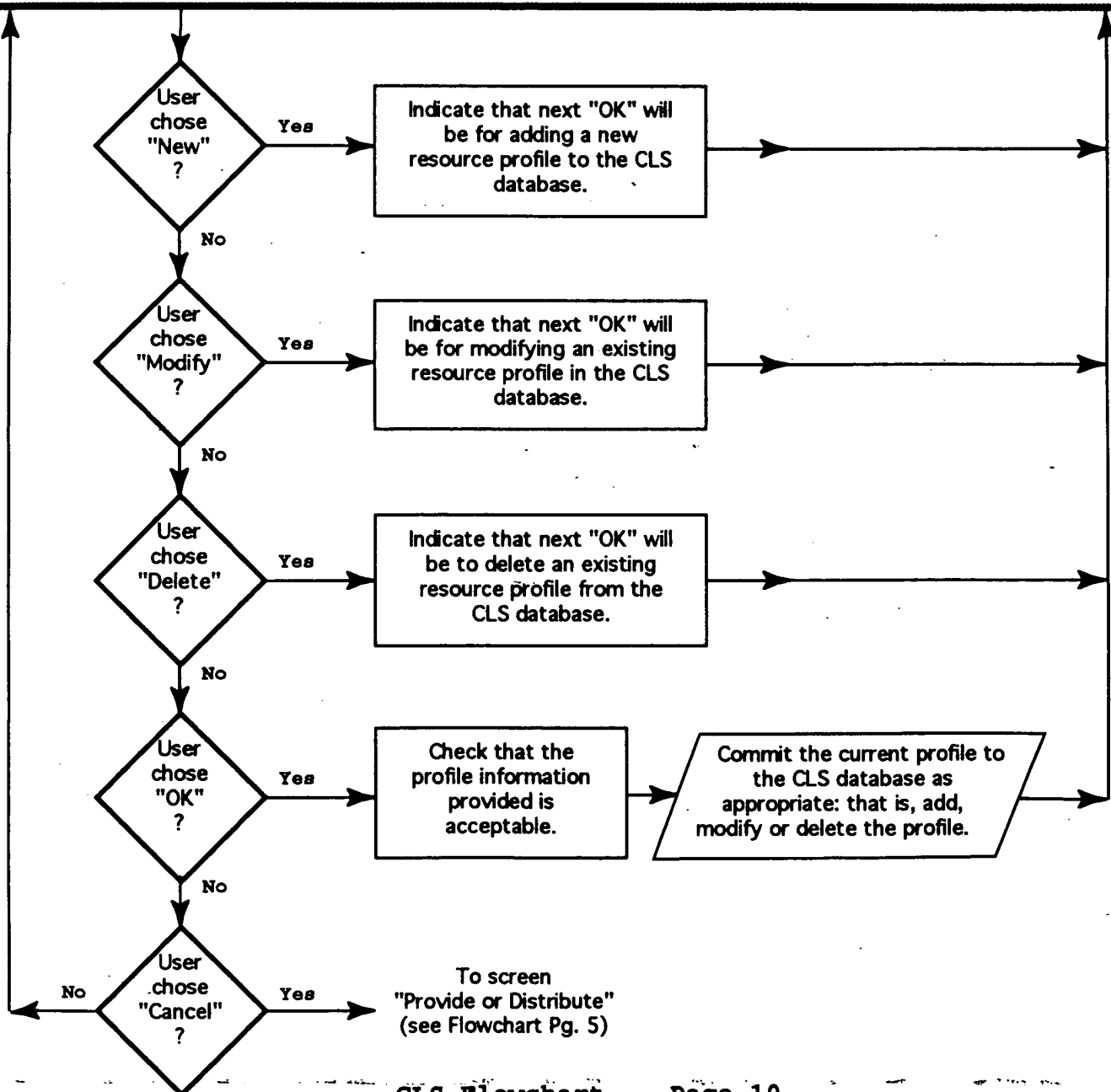
This screen allows the user to add and delete interests from the list of current interests (see illustration 59). An interest is a single line of logical search criteria for resource titles. When used for a query it will return exactly those CLS resources whose title matches the criteria. (Compare with the "General Search" screen on Pg. 7)
The list of current interests is maintained in the CLS database.
See Illustration 59 and the files PROFILE1.OBV and PROFILE.OBS.



From screen
"Provide or Distribute"
(see Flowchart Pg. 5)

This screen allows the user to add, delete and modify resource profiles from the CLS database.
Note that the actual resources themselves are the responsibility of the person providing the resource. In particular, if a resource is "online", then it is his responsibility to maintain a copy of the resource at the location indicated in the profile (ie: the "information filename" includes the directory path locating the file on the network).

See Illustration 41 and the files CATADMIN.OBV and CATADMIN.OBS.



From screen
"Provide or Distribute"
(see Flowchart Pg. 5)



This screen allows the administrative users to add, delete and modify members (ie: personal profiles) from the CLS network. This controls who can log on to the CLS network.. Note that this screen is only available to qualified users (eg: the CLS Administrator).

This screen also provides access to the "User Administrator" and "Teams" screens.

••• Flowchart details are not provided. •••

See Illustrations 68 through 75. The files MEMBERSHIP.OBV and MEMBERSHIP.OBS are not included. However, see USERADM.OBS and USERADM.OBV for the "User Administration" screen.

From screen
"Results"
(see Flowchart Pg. 5)
also "All Resources", "Category",
"Media" and "Repository"

This screen displays the key information about a CLS resource profile, and supplemental information about the contact (eg: E-Mail address and FAX number). It also allows the user to automatically forward an E-Mail or FAX request for more information about a resource, which is especially useful when the resource has a media type other than "online". Finally, if the media type of the resource is "online", then the resource can be retrieved directly (ie: downloaded) and launched in its native application (as can also be done from the "Results" screen). See Illustration 52 and the files CATDBF.OBV and CATDBF.OBS.

